



Automatización Eléctrica

Especialistas en Automatización

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0.5W DC-DC Regulated Single Output



0.89"x 0.39"x 0.33"

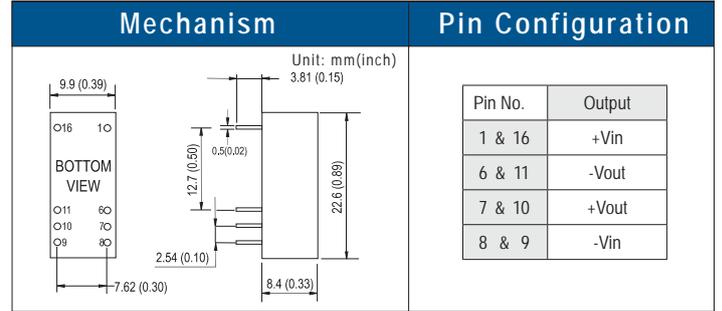
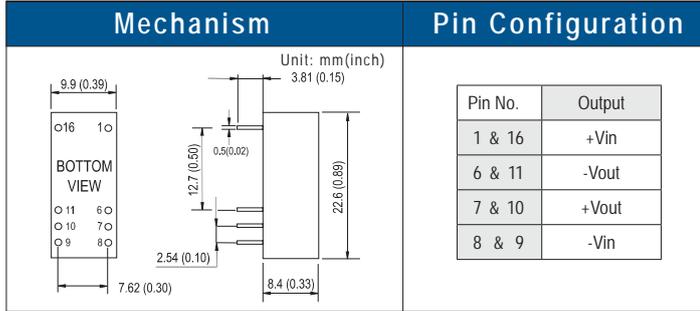
- 1000VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- Dual in line package
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

1W DC-DC Unregulated Single Output



0.89"x 0.39"x 0.33"

- 1000VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- Dual in line package
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



Voltage set point accuracy... $\pm 2\%$ (typical)
 Line regulation $\pm 1\%$ (max.)
 Load regulation $\pm 1\%$ (max.)@10~100% load
 Input reflected ripple 120mVp-p
 Efficiency 60% (typical)
 Short circuit protection Continuous, auto-recovery
 Switching frequency 50kHz (min.)
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Isolation capacitance 80pF (max.)
 Working temperature -25°C to +60°C (no derating), +71°C@80% load
 Storage temperature -25°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material non-conductive plastic
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Voltage set point accuracy ... $\pm 2\%$ (max.)
 Line regulation $\pm 1.2\%$ (max.) for 1% input variation
 Load regulation $\pm 8\%$ (max.)@20~100% load
 Input reflected ripple 120mVp-p
 Efficiency 83% (typical)
 Short circuit protection Momentary
 Switching frequency 50kHz (min.)
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Isolation capacitance 80pF (max.)
 Working temperature -25°C to +60°C (no derating), +71°C@80% load
 Storage temperature -25°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material non-conductive plastic
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SRS-0505	5 $\pm 10\%$	5	100	100
SRS-0509	5 $\pm 10\%$	9	56	100
SRS-0512	5 $\pm 10\%$	12	42	100
SRS-0515	5 $\pm 10\%$	15	34	100
SRS-1205	12 $\pm 10\%$	5	100	100
SRS-1209	12 $\pm 10\%$	9	56	100
SRS-1212	12 $\pm 10\%$	12	42	100
SRS-1215	12 $\pm 10\%$	15	34	100
SRS-2405	24 $\pm 10\%$	5	100	100
SRS-2409	24 $\pm 10\%$	9	56	100
SRS-2412	24 $\pm 10\%$	12	42	100
SRS-2415	24 $\pm 10\%$	15	34	100
SRS-4805	48 $\pm 10\%$	5	100	100
SRS-4809	48 $\pm 10\%$	9	56	100
SRS-4812	48 $\pm 10\%$	12	42	100
SRS-4815	48 $\pm 10\%$	15	34	100

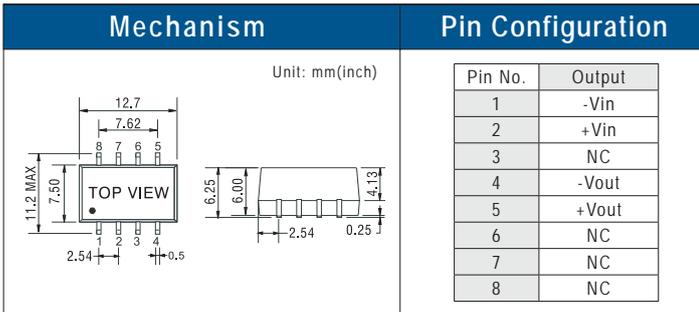
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SUS01L-05	5 $\pm 10\%$	5	200	100
SUS01L-09	5 $\pm 10\%$	9	111	100
SUS01L-12	5 $\pm 10\%$	12	84	100
SUS01L-15	5 $\pm 10\%$	15	67	100
SUS01M-05	12 $\pm 10\%$	5	200	100
SUS01M-09	12 $\pm 10\%$	9	111	100
SUS01M-12	12 $\pm 10\%$	12	84	100
SUS01M-15	12 $\pm 10\%$	15	67	100
SUS01N-05	24 $\pm 10\%$	5	200	100
SUS01N-09	24 $\pm 10\%$	9	111	100
SUS01N-12	24 $\pm 10\%$	12	84	100
SUS01N-15	24 $\pm 10\%$	15	67	100
SUS01O-05	48 $\pm 10\%$	5	200	100
SUS01O-09	48 $\pm 10\%$	9	111	100
SUS01O-12	48 $\pm 10\%$	12	84	100
SUS01O-15	48 $\pm 10\%$	15	67	100

1W DC-DC Unregulated Single Output



0.50"x 0.30"x 0.24"

- 1000VDC I/O isolation
- Internal SMD technology
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- SMD package style
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty



- Voltage set point accuracy ±8% (max.)
- Line regulation ±1.2% (max.) for 1% input variation
- Load regulation ±8% (max.)@20-100% load
- Input reflected ripple 100mVp-p
- Efficiency 75% (typical)
- Short circuit protection Momentary
- Switching frequency 100kHz (typical)
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100MΩ (min.)@ 500VDC
- Working temperature -40°C to +85°C
- Storage temperature -40°C to +105°C
- Temp. Coefficient ±0.03% / °C (max.)
- Case material non-conductive plastic
- Safety standards UL60950-1 approved

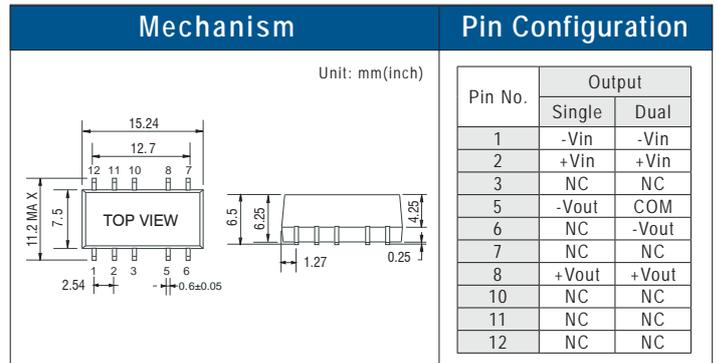
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SBT01L-05	5±10%	5	200	100
SBT01L-09	5±10%	9	111	100
SBT01L-12	5±10%	12	84	100
SBT01L-15	5±10%	15	67	100
SBT01M-05	12±10%	5	200	100
SBT01M-09	12±10%	9	111	100
SBT01M-12	12±10%	12	84	100
SBT01M-15	12±10%	15	67	100

1W DC-DC Unregulated Single and Dual Output



0.60"x 0.295"x 0.255"

- 3000VDC I/O isolation
- Internal SMD technology
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- SMD package style
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty



- Voltage set point accuracy ±8% (max.)
- Line regulation ±1.2% (max.) for 1% input variation
- Load regulation ±8% (max.)@20-100% load
- Efficiency 79% (typical)
- Short circuit protection Momentary
- Switching frequency 100kHz (typical)
- I/O isolation voltage 3000VDC (min.)
- I/O isolation resistance 100MΩ (min.)@ 500VDC
- Working temperature -40°C to +85°C
- Storage temperature -40°C to +105°C
- Temp. Coefficient ±0.03% / °C (max.)
- Case material non-conductive plastic
- Safety standards UL60950-1, CSA C22.2 approved

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SFT01L-05	5±10%	5	200	100
SFT01L-09	5±10%	9	111	100
SFT01L-12	5±10%	12	84	100
SFT01L-15	5±10%	15	67	100
SFT01M-05	12±10%	5	200	100
SFT01M-09	12±10%	9	111	100
SFT01M-12	12±10%	12	84	100
SFT01M-15	12±10%	15	67	100

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DET01L-05	5±10%	±5	±100	100
DET01L-09	5±10%	±9	±56	100
DET01L-12	5±10%	±12	±42	100
DET01L-15	5±10%	±15	±33	100
DET01M-05	12±10%	±5	±100	100
DET01M-09	12±10%	±9	±56	100
DET01M-12	12±10%	±12	±42	100
DET01M-15	12±10%	±15	±33	100



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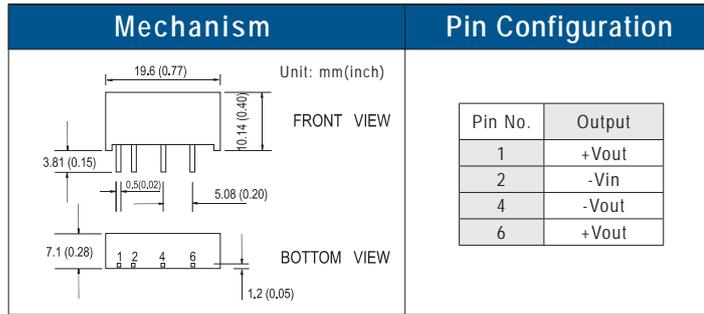
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We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.

1W DC-DC Regulated Single Output



0.77"x 0.28"x 0.4"

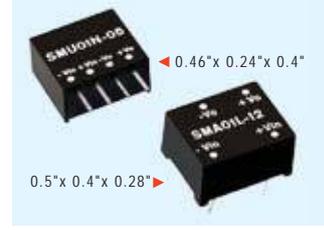
- 1000VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Non-conductive plastic case
- Single in line package
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (typical)
- Line regulation $\pm 1\%$ (max.)
- Load regulation $\pm 1\%$ (max.)@10-100% load
- Efficiency 65% (typical)
- Overload protection >110% hiccup mode, auto-recovery
- Short circuit protection Continuous, auto-recovery
- Switching frequency 50kHz (min.)
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100M Ω (min.)
- Isolation capacitance 80pF (max.)
- Working temperature -25~+71°C (refer to output derating curve)
- Storage temperature -25°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material non-conductive plastic
- EMC Compliance to EN55022 class B, EN61000-4-2,3,4,5,6,8, FCC part15 class B

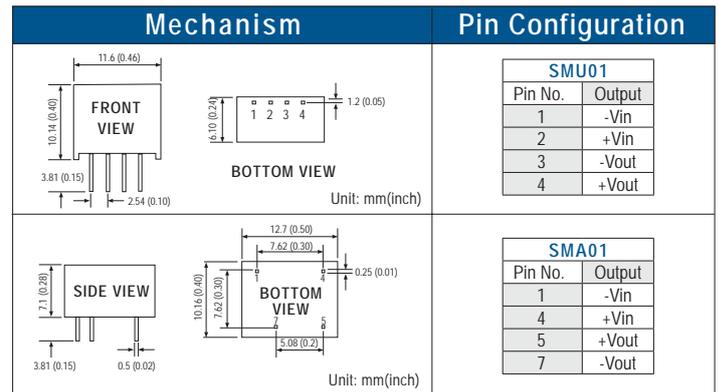
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SPR01L-05	5 $\pm 10\%$	5	200	100
SPR01L-09	5 $\pm 10\%$	9	100	100
SPR01L-12	5 $\pm 10\%$	12	84	100
SPR01L-15	5 $\pm 10\%$	15	67	100
SPR01M-05	12 $\pm 10\%$	5	200	100
SPR01M-09	12 $\pm 10\%$	9	100	100
SPR01M-12	12 $\pm 10\%$	12	84	100
SPR01M-15	12 $\pm 10\%$	15	67	100
SPR01N-05	24 $\pm 10\%$	5	200	100
SPR01N-09	24 $\pm 10\%$	9	100	100
SPR01N-12	24 $\pm 10\%$	12	84	100
SPR01N-15	24 $\pm 10\%$	15	67	100
SPR01O-05	48 $\pm 10\%$	5	200	100
SPR01O-09	48 $\pm 10\%$	9	100	100
SPR01O-12	48 $\pm 10\%$	12	84	100
SPR01O-15	48 $\pm 10\%$	15	67	100

1W DC-DC Unregulated Single Output



0.5"x 0.4"x 0.28"

- 1500VDC I/O isolation
- Operating temperature range -40~85°C without derating
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- Dual in line package for SMA01
- 100% full load burn-in test
- Industry standard pinout
- 2 years warranty

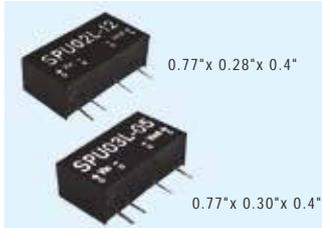


- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 1.2\%$ (max.) for 1% input variation
- Load regulation $\pm 8\%$ (max.)@20-100% load
- Input reflected ripple 100mVp-p
- Efficiency 80% (typical)
- Short circuit protection Momentary
- Switching frequency 100kHz (min.)
- I/O isolation voltage 1500VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- Isolation capacitance 80pF (max.)
- Working temperature -40~+85°C (no derating)
- Storage temperature -55°C to +125°C
- EMC Compliance to EN55022 class B, EN61000-4-2,3,4,5,6,8, FCC part15 class B

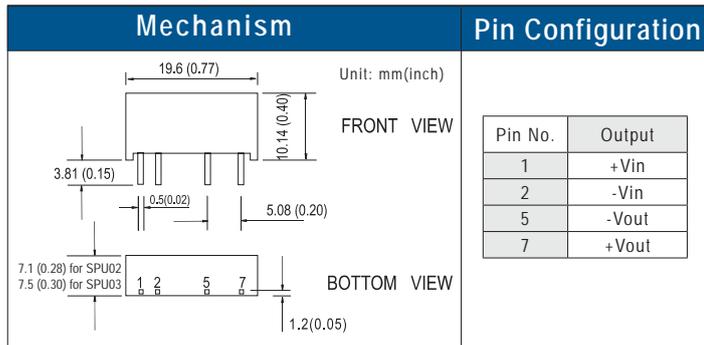
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SMU01L-05	5 $\pm 10\%$	5	200	100
SMU01L-09	5 $\pm 10\%$	9	110	100
SMU01L-12	5 $\pm 10\%$	12	84	100
SMU01L-15	5 $\pm 10\%$	15	67	100
SMU01M-05	12 $\pm 10\%$	5	200	100
SMU01M-09	12 $\pm 10\%$	9	110	100
SMU01M-12	12 $\pm 10\%$	12	84	100
SMU01M-15	12 $\pm 10\%$	15	67	100
SMU01N-05	24 $\pm 10\%$	5	200	100
SMU01N-09	24 $\pm 10\%$	9	110	100
SMU01N-12	24 $\pm 10\%$	12	84	100
SMU01N-15	24 $\pm 10\%$	15	67	100

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SMA01L-05	5 $\pm 10\%$	5	200	100
SMA01L-09	5 $\pm 10\%$	9	110	100
SMA01L-12	5 $\pm 10\%$	12	84	100
SMA01L-15	5 $\pm 10\%$	15	67	100
SMA01M-05	12 $\pm 10\%$	5	200	100
SMA01M-09	12 $\pm 10\%$	9	110	100
SMA01M-12	12 $\pm 10\%$	12	84	100
SMA01M-15	12 $\pm 10\%$	15	67	100
SMA01N-05	24 $\pm 10\%$	5	200	100
SMA01N-09	24 $\pm 10\%$	9	110	100
SMA01N-12	24 $\pm 10\%$	12	84	100
SMA01N-15	24 $\pm 10\%$	15	67	100

2~3W DC-DC Unregulated Single Output



- 3000VDC I/O isolation
- Internal SMD technology
- Built-in EMI filter
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- Single in line package
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

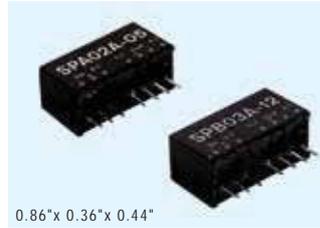


- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 1.2\%$ (max.) for 1% input variation
- Load regulation $\pm 8\%$ (max.)@20~100% load
- Efficiency 83% (typical) for SPU02; 88% (typical) for SPU03
- Short circuit protection Momentary
- Switching frequency 100kHz (min.) for SPU02; 60kHz (min.) for SPU03
- I/O isolation voltage 3000VDC (min.)
- I/O isolation resistance 100M Ω (min.)
- Isolation capacitance 80pF (max.)
- Working temperature -40~+71°C (refer to output derating curve) for SPU02
-40~+90°C (refer to output derating curve) for SPU03
- Storage temperature -40°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material non-conductive plastic
- EMC Compliance to EN55022 class B,
EN61000-4-2,3,4,5,6,8, FCC part15 class B

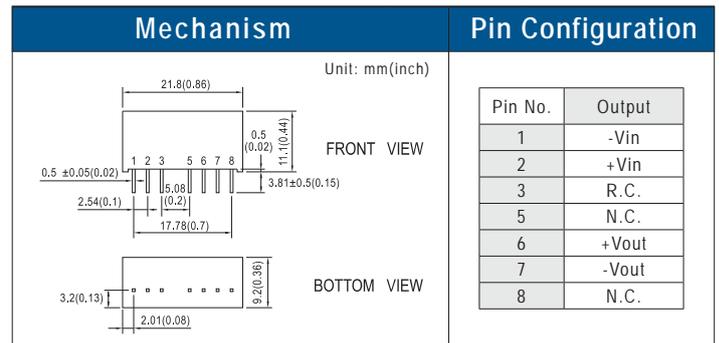
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SPU02L-05	5 \pm 10%	5	400	100
SPU02L-12	5 \pm 10%	12	167	100
SPU02L-15	5 \pm 10%	15	133	100
SPU02M-05	12 \pm 10%	5	400	100
SPU02M-12	12 \pm 10%	12	167	100
SPU02M-15	12 \pm 10%	15	133	100
SPU02N-05	24 \pm 10%	5	400	100
SPU02N-12	24 \pm 10%	12	167	100
SPU02N-15	24 \pm 10%	15	133	100

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SPU03L-05	5 \pm 10%	5	600	50
SPU03L-12	5 \pm 10%	12	250	50
SPU03L-15	5 \pm 10%	15	200	50
SPU03M-05	12 \pm 10%	5	600	50
SPU03M-12	12 \pm 10%	12	250	50
SPU03M-15	12 \pm 10%	15	200	50
SPU03N-05	24 \pm 10%	5	600	50
SPU03N-12	24 \pm 10%	12	250	50
SPU03N-15	24 \pm 10%	15	200	50

2~3W DC-DC Regulated Single Output



- 2:1 wide input range
- 4:1 wide input range (option) for SPA02
- 1000VDC I/O isolation
- 3000VDC I/O isolation (option) for SPA02
- Built-in remote ON/OFF control
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Non-conductive plastic case
- Single in line package
- 100% full load burn-in test
- Modified models available: output 3.3V / 9V
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.)@10~100% load
- Efficiency 82% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection 150%~250%, auto-recovery
- Switching frequency 100KHz (min.)
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100M Ω (min.)
- Isolation capacitance 80pF (max.)
- Working temperature -40~+85°C (refer to output derating curve)
- Storage temperature -40°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material non-conductive plastic
- EMC Compliance to EN55022 class B,
EN61000-4-2,3,4,5,6,8, FCC part15 class B

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SPA02E-05	4.5~9	5	400	60
SPA02E-12	4.5~9	12	150	60
SPA02E-15	4.5~9	15	120	60
SPA02A-05	9~18	5	400	60
SPA02A-12	9~18	12	167	60
SPA02A-15	9~18	15	133	60
SPA02B-05	18~36	5	400	60
SPA02B-12	18~36	12	167	60
SPA02B-15	18~36	15	133	60
SPA02C-05	36~72	5	400	60
SPA02C-12	36~72	12	167	60
SPA02C-15	36~72	15	133	60

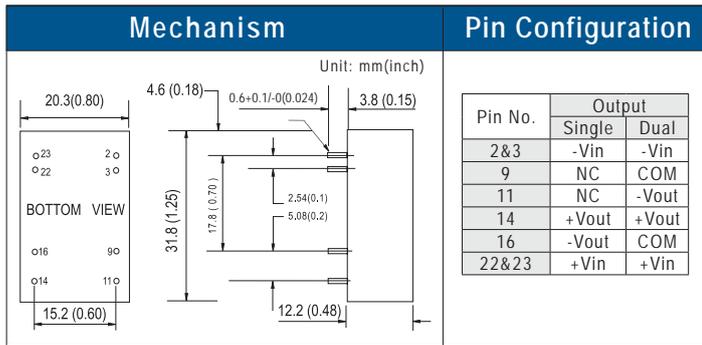
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SPB03E-05	4.5~9	5	600	50
SPB03E-12	4.5~9	12	250	60
SPB03E-15	4.5~9	15	200	60
SPB03A-05	9~18	5	600	50
SPB03A-12	9~18	12	250	60
SPB03A-15	9~18	15	200	60
SPB03B-05	18~36	5	600	50
SPB03B-12	18~36	12	250	60
SPB03B-15	18~36	15	200	60
SPB03C-05	36~72	5	600	50
SPB03C-12	36~72	12	250	60
SPB03C-15	36~72	15	200	60

3W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 4:1 wide input range (option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation (option)
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
 Line regulation $\pm 0.5\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@10~100% load
 Efficiency 82% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 160%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Isolation capacitance 80pF (max.)
 Working temperature -40~+71°C (refer to output derating curve)
 Storage temperature -40°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material Five-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW03A-05	9~18	5	600	50
SCW03A-12	9~18	12	250	60
SCW03A-15	9~18	15	200	60
SCW03B-05	18~36	5	600	50
SCW03B-12	18~36	12	250	60
SCW03B-15	18~36	15	200	60
SCW03C-05	36~72	5	600	50
SCW03C-12	36~72	12	250	60
SCW03C-15	36~72	15	200	60

Dual Output

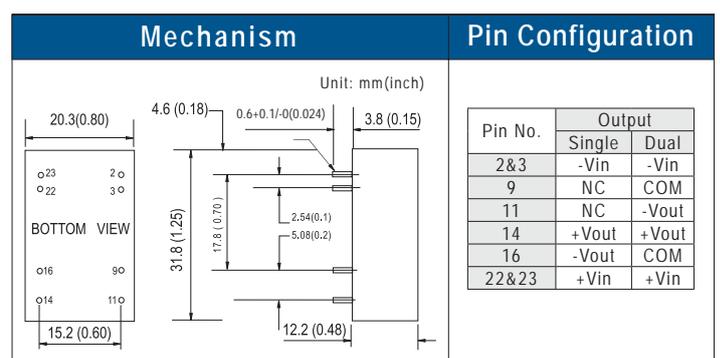
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW03A-05	9~18	± 5	± 300	50
DCW03A-12	9~18	± 12	± 125	60
DCW03A-15	9~18	± 15	± 100	60
DCW03B-05	18~36	± 5	± 300	50
DCW03B-12	18~36	± 12	± 125	60
DCW03B-15	18~36	± 15	± 100	60
DCW03C-05	36~72	± 5	± 300	50
DCW03C-12	36~72	± 12	± 125	60
DCW03C-15	36~72	± 15	± 100	60

5~6W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
 Line regulation $\pm 0.5\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@20~100% load
 Efficiency 85% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 150%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Isolation capacitance 80pF (max.)
 Working temperature -40~+71°C (refer to output derating curve)
 Storage temperature -40°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material Five-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW05A-05	9~18	5	1000	50
SCW05A-09	9~18	9	556	60
SCW05A-12	9~18	12	470	60
SCW05A-15	9~18	15	400	60
SCW05B-05	18~36	5	1000	50
SCW05B-09	18~36	9	556	60
SCW05B-12	18~36	12	470	60
SCW05B-15	18~36	15	400	60
SCW05C-05	36~72	5	1000	50
SCW05C-09	36~72	9	556	60
SCW05C-12	36~72	12	470	60
SCW05C-15	36~72	15	400	60

Dual Output

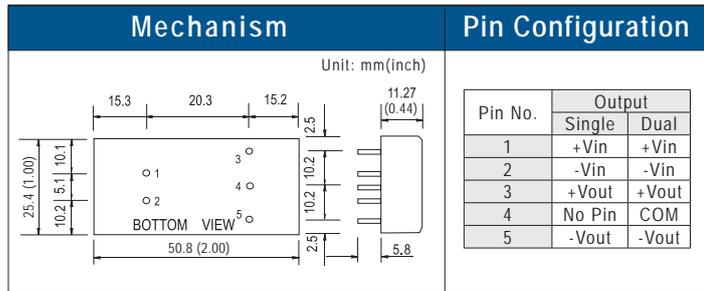
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW05A-05	9~18	± 5	± 500	50
DCW05A-12	9~18	± 12	± 230	60
DCW05A-15	9~18	± 15	± 190	60
DCW05B-05	18~36	± 5	± 500	50
DCW05B-12	18~36	± 12	± 230	60
DCW05B-15	18~36	± 15	± 190	60
DCW05C-05	36~72	± 5	± 500	50
DCW05C-12	36~72	± 12	± 230	60
DCW05C-15	36~72	± 15	± 190	60

5W DC-DC Regulated Single and Dual Output



2"x 1"x 0.44"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ...±2% (max.)
 Line regulation±0.2% (max.)
 Load regulation±0.5% (max.)@10~100% load
 Efficiency 85% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 160%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100MΩ (min.)@ 500VDC
 Working temperature -25~+71°C (refer to output derating curve)
 Storage temperature -25°C to +105°C
 Temp. Coefficient ±0.03% / °C (max.)
 Case material Six-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SLW05A-05	9~18	5	1000	50
SLW05A-09	9~18	9	556	60
SLW05A-12	9~18	12	417	60
SLW05A-15	9~18	15	333	60
SLW05B-05	18~36	5	1000	50
SLW05B-09	18~36	9	556	60
SLW05B-12	18~36	12	417	60
SLW05B-15	18~36	15	333	60
SLW05C-05	36~72	5	1000	50
SLW05C-09	36~72	9	556	60
SLW05C-12	36~72	12	417	60
SLW05C-15	36~72	15	333	60

Dual Output

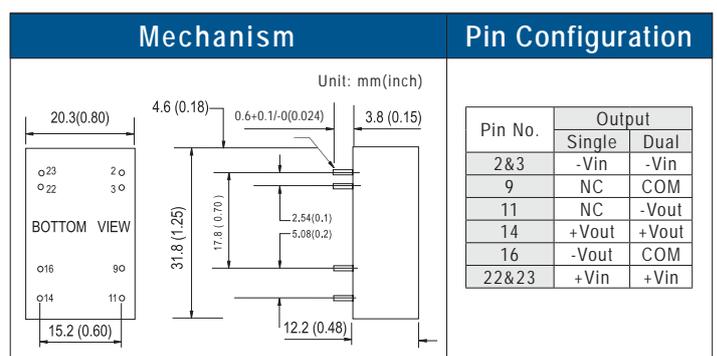
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DLW05A-05	9~18	±5	±500	50
DLW05A-12	9~18	±12	±208	60
DLW05A-15	9~18	±15	±167	60
DLW05B-05	18~36	±5	±500	50
DLW05B-12	18~36	±12	±208	60
DLW05B-15	18~36	±15	±167	60
DLW05C-05	36~72	±5	±500	50
DLW05C-12	36~72	±12	±208	60
DLW05C-15	36~72	±15	±167	60

8W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 1000VDC I/O isolation
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ±2% (max.)
 Line regulation ±0.5% (max.)
 Load regulation ±0.5% (max.)@20~100% load
 Efficiency 82% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 110%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100MΩ (min.)@ 500VDC
 Isolation capacitance 250pF (max.)
 Working temperature -40~+71°C (refer to output derating curve)
 Storage temperature -40°C to +105°C
 Temp. Coefficient ±0.03% / °C (max.)
 Case material Five-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW08A-05	9~18	5	1600	50
SCW08A-12	9~18	12	670	60
SCW08A-15	9~18	15	533	60
SCW08B-05	18~36	5	1600	50
SCW08B-12	18~36	12	670	60
SCW08B-15	18~36	15	533	60
SCW08C-05	36~72	5	1600	50
SCW08C-12	36~72	12	670	60
SCW08C-15	36~72	15	533	60

Dual Output

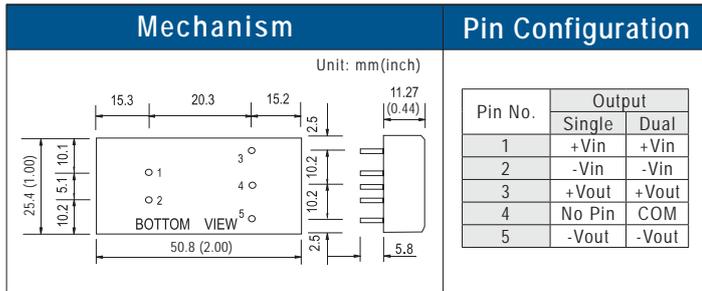
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW08A-05	9~18	±5	±800	50
DCW08A-12	9~18	±12	±335	60
DCW08A-15	9~18	±15	±267	60
DCW08B-05	18~36	±5	±800	50
DCW08B-12	18~36	±12	±335	60
DCW08B-15	18~36	±15	±267	60
DCW08C-05	36~72	±5	±800	50
DCW08C-12	36~72	±12	±335	60
DCW08C-15	36~72	±15	±267	60

10W DC-DC Regulated Single and Dual Output



2"x 1"x 0.44"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation (option)
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
 Line regulation $\pm 0.3\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@10~100% load
 Efficiency 85% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 160%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Working temperature -25~+71°C (refer to output derating curve)
 Storage temperature -25°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material Six-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SKE10A-05	9~18	5	2000	50
SKE10A-12	9~18	12	840	60
SKE10A-15	9~18	15	666	60
SKE10A-24	9~18	24	420	80
SKE10B-05	18~36	5	2000	50
SKE10B-12	18~36	12	840	60
SKE10B-15	18~36	15	666	60
SKE10B-24	18~36	24	420	80
SKE10C-05	36~72	5	2000	50
SKE10C-12	36~72	12	840	60
SKE10C-15	36~72	15	666	60
SKE10C-24	36~72	24	420	80

Dual Output

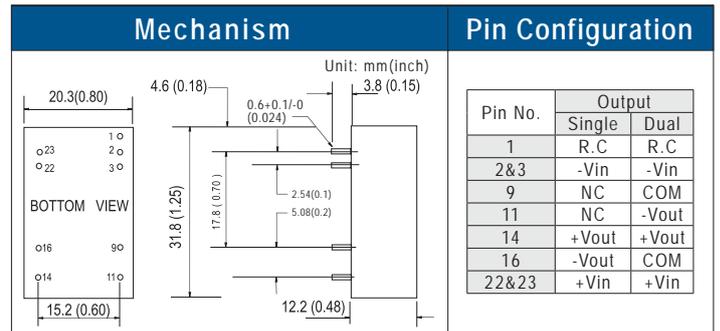
Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DKE10A-05	9~18	± 5	± 1000	50
DKE10A-12	9~18	± 12	± 420	60
DKE10A-15	9~18	± 15	± 333	60
DKE10A-24	9~18	± 24	± 210	80
DKE10B-05	18~36	± 5	± 1000	50
DKE10B-12	18~36	± 12	± 420	60
DKE10B-15	18~36	± 15	± 333	60
DKE10B-24	18~36	± 24	± 210	80
DKE10C-05	36~72	± 5	± 1000	50
DKE10C-12	36~72	± 12	± 420	60
DKE10C-15	36~72	± 15	± 333	60
DKE10C-24	36~72	± 24	± 210	80

12W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 1500VDC I/O isolation
- Built-in remote ON/OFF control
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- Modified models available:
output 2.5V / 3.3V
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
 Line regulation $\pm 0.5\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@20~100% load
 Efficiency 85% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 110%~180%, auto-recovery
 I/O isolation voltage 1500VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Working temperature -40~+71°C (refer to output derating curve)
 Storage temperature -40°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material Five-sided shield metal case
 EMC Compliance to EN55022 class A,
 EN61000-4-2,3,4,5,6,8, FCC part15 class A

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW12A-05	9~18	5	2400	50
SCW12A-12	9~18	12	1000	60
SCW12A-15	9~18	15	800	60
SCW12B-05	18~36	5	2400	50
SCW12B-12	18~36	12	1000	60
SCW12B-15	18~36	15	800	60
SCW12C-05	36~72	5	2400	50
SCW12C-12	36~72	12	1000	60
SCW12C-15	36~72	15	800	60

Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW12A-05	9~18	± 5	± 1200	50
DCW12A-12	9~18	± 12	± 500	60
DCW12A-15	9~18	± 15	± 400	60
DCW12B-05	18~36	± 5	± 1200	50
DCW12B-12	18~36	± 12	± 500	60
DCW12B-15	18~36	± 15	± 400	60
DCW12C-05	36~72	± 5	± 1200	50
DCW12C-12	36~72	± 12	± 500	60
DCW12C-15	36~72	± 15	± 400	60

15W DC-DC Regulated Single Output



1"x 1"x 0.39"

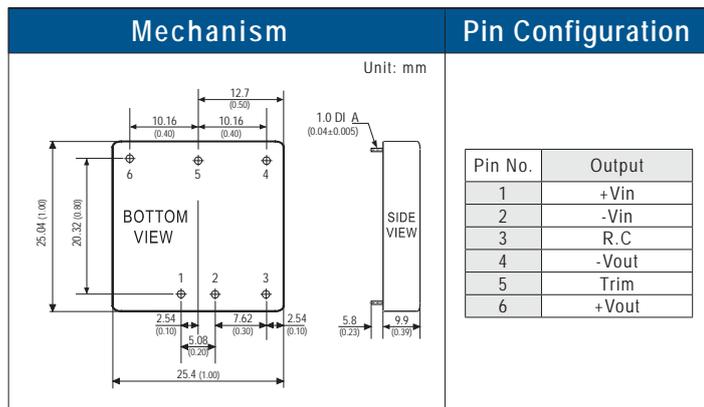
- 1"x1" compact size
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 88%
- Built-in remote ON/OFF control
- Built-in EMI filter
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

15W DC-DC Regulated Single and Dual Output



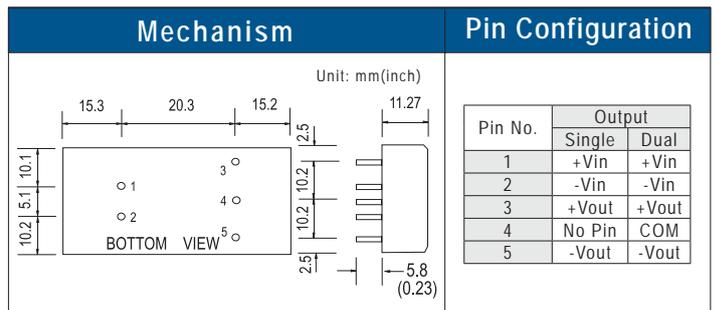
2"x 1"x 0.44"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation (option)
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.) @10%~100% load
- Overload protection 110%~180%, auto-recovery
- Over voltage protection Clamp by TVS diode
- Efficiency 88% (typical)
- I/O isolation voltage 1500VDC(min.)
- I/O isolation resistance 100M Ω (min.) @500VDC
- Working temperature -40~+80°C(refer to output derating curve)
- Storage temperature -55°C to 100°C
- Case Material Six-sided shield metal case
- EMC Compliance to EN55022 class A,
EN61000-4-2,3,4,5,6,8, FCC part15 class A

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SKM15A-05	9~18	5	3.00	50
SKM15A-12	9~18	12	1.25	60
SKM15A-15	9~18	15	1.00	60
SKM15B-05	18~36	5	3.00	50
SKM15B-12	18~36	12	1.25	60
SKM15B-15	18~36	15	1.00	60
SKM15C-05	36~75	5	3.00	50
SKM15C-12	36~75	12	1.25	60
SKM15C-15	36~75	15	1.00	60



- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 0.2\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.)@10~100% load
- Efficiency 82% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection 110%~250%, auto-recovery
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- Working temperature -40~+71°C (refer to output derating curve)
- Storage temperature -40°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material Six-sided shield metal case
- EMC Compliance to EN55022 class B,
EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SKA15A-033	9~18	3.3	3000	50
SKA15A-05	9~18	5	3000	50
SKA15A-12	9~18	12	1250	60
SKA15A-15	9~18	15	1000	60
SKA15B-033	18~36	3.3	3000	50
SKA15B-05	18~36	5	3000	50
SKA15B-12	18~36	12	1250	60
SKA15B-15	18~36	15	1000	60
SKA15C-033	36~72	3.3	3000	50
SKA15C-05	36~72	5	3000	50
SKA15C-12	36~72	12	1250	60
SKA15C-15	36~72	15	1000	60

Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DKA15A-05	9~18	± 5	± 1500	50
DKA15A-12	9~18	± 12	± 625	60
DKA15A-15	9~18	± 15	± 500	60
DKA15B-05	18~36	± 5	± 1500	50
DKA15B-12	18~36	± 12	± 625	60
DKA15B-15	18~36	± 15	± 500	60
DKA15C-05	36~72	± 5	± 1500	50
DKA15C-12	36~72	± 12	± 625	60
DKA15C-15	36~72	± 15	± 500	60



To Satisfy our customers is our goal —

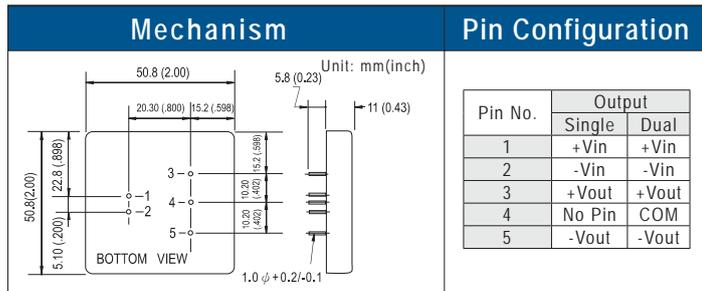
- High Quality
- Low Cost
- Prompt Delivery
- Best Service

15W DC-DC Regulated Single and Dual Output



2"x 2"x 0.43"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
 Line regulation $\pm 0.3\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@10~100% load
 Efficiency 85% (typical)
 Short circuit protection Continuous, auto-recovery
 Overload protection 160%~250%, auto-recovery
 I/O isolation voltage 1000VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Working temperature -25~+71°C (refer to output derating curve)
 Storage temperature -25°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °C (max.)
 Case material Six-sided shield metal case
 EMC Compliance to EN55022 class B,
 EN61000-4-2,3,4,5,6,8, FCC part15 class B

Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SKE15A-05	9~18	5	3000	50
SKE15A-12	9~18	12	1250	60
SKE15A-15	9~18	15	1000	60
SKE15A-24	9~18	24	625	80
SKE15B-05	18~36	5	3000	50
SKE15B-12	18~36	12	1250	60
SKE15B-15	18~36	15	1000	60
SKE15B-24	18~36	24	625	80
SKE15C-05	36~72	5	3000	50
SKE15C-12	36~72	12	1250	60
SKE15C-15	36~72	15	1000	60
SKE15C-24	36~72	24	625	80

Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DKE15A-05	9~18	± 5	± 1500	50
DKE15A-12	9~18	± 12	± 625	60
DKE15A-15	9~18	± 15	± 500	60
DKE15A-24	9~18	± 24	± 313	80
DKE15B-05	18~36	± 5	± 1500	50
DKE15B-12	18~36	± 12	± 625	60
DKE15B-15	18~36	± 15	± 500	60
DKE15B-24	18~36	± 24	± 313	80
DKE15C-05	36~72	± 5	± 1500	50
DKE15C-12	36~72	± 12	± 625	60
DKE15C-15	36~72	± 15	± 500	60
DKE15C-24	36~72	± 24	± 313	80

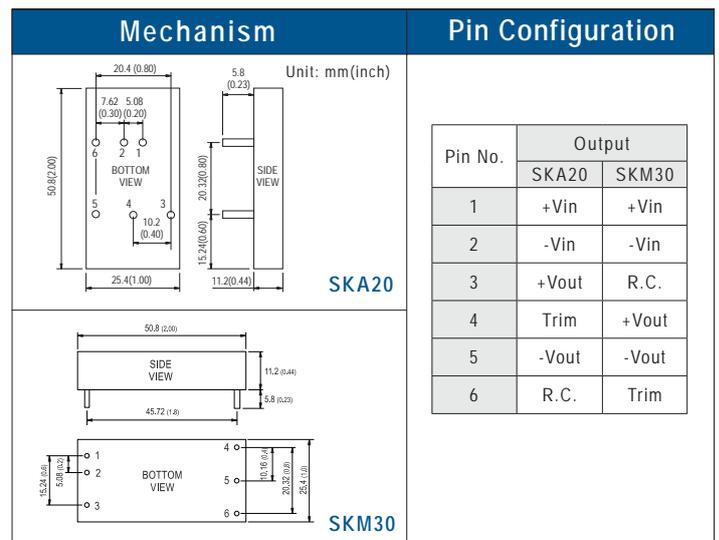
20~30W DC-DC Regulated Single Output



SKA20
2"x 1"x 0.44"

SKM30
2"x 1"x 0.44"

- 2"x 1" compact size
- 2:1 wide input range
- 1500VDC I/O isolation
- Built-in remote ON/OFF control
- Built-in EMI filter
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Overload / Input and output over voltage
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
 Line regulation $\pm 0.2\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)@10~100% load
 Efficiency 89.5% (typical) for SKA20
 90% (typical) for SKM30
 Short circuit protection Continuous, auto-recovery
 Overload protection 110%~180%, auto-recovery
 I/O isolation voltage 1500VDC (min.)
 I/O isolation resistance 100M Ω (min.)@ 500VDC
 Working temperature -40~+85°C (refer to output derating curve) for SKA20
 -40~+75°C (refer to output derating curve) for SKM30
 EMC Compliance to EN55022 class A,
 EN61000-4-2,3,4,5,6,8, FCC part15 class A

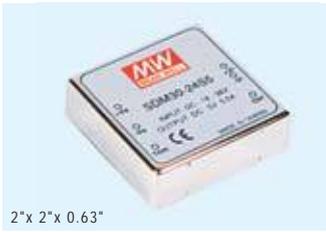
SKA20 Series

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SKA20A-05	9~18	5	4000	50
SKA20A-12	9~18	12	1666	60
SKA20A-15	9~18	15	1333	60
SKA20B-05	18~36	5	4000	50
SKA20B-12	18~36	12	1666	60
SKA20B-15	18~36	15	1333	60
SKA20C-05	36~75	5	4000	50
SKA20C-12	36~75	12	1666	60
SKA20C-15	36~75	15	1333	60

SKM30 Series

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SKM30A-05	9~18	5	6	90
SKM30A-12	9~18	12	2.5	120
SKM30A-15	9~18	15	2	120
SKM30B-05	18~36	5	6	90
SKM30B-12	18~36	12	2.5	120
SKM30B-15	18~36	15	2	120
SKM30C-05	36~75	5	6	90
SKM30C-12	36~75	12	2.5	120
SKM30C-15	36~75	15	2	120

30W DC-DC Regulated Single Output



2"x 2"x 0.63"

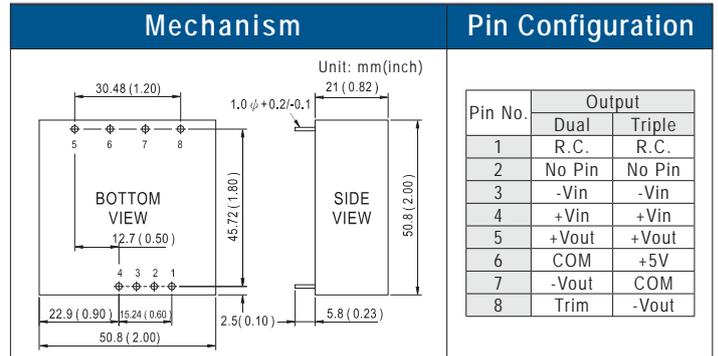
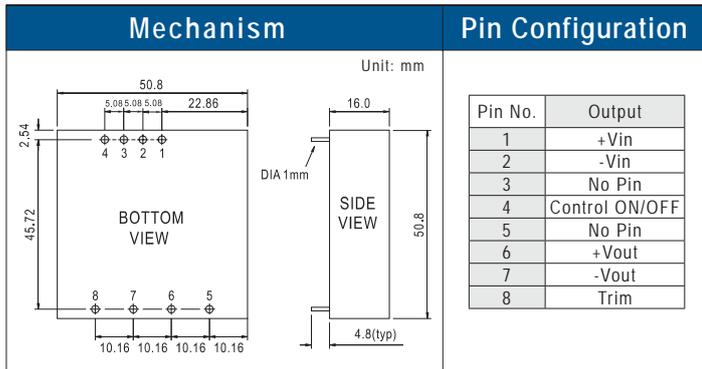
- 2:1 wide input range
- 1000VDC I/O isolation
- Built-in remote ON/OFF control
- Built-in EMI filter
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Compact size, high efficiency
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

25~30W DC-DC Regulated Dual and Triple Output



2"x 2"x 0.82"

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- Built-in remote ON/OFF control
- Built-in EMI filter
- Trimming output ($\pm 10\%$) for dual output
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 1 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.) ($\pm 3\%$ for 3.3VDC models)
- Line regulation $\pm 1\%$ (max.)
- Load regulation $\pm 1\%$ (max.) @10~100% load
- Overload protection Over 105% power limiting, auto-recovery
- Over voltage protection 115%~150% rated output voltage
- Efficiency (typical) 80% for 12V input
83% for 24V input
85% for 48V input
- I/O isolation voltage 1000VDC(min.)
- I/O isolation resistance 100M Ω (min.) @500VDC
- Working temperature -25~+85°C (refer to output derating curve)
- Storage temperature -25°C to +85°C
- Case Material Six-sided shield metal case
- EMC Compliance to EN55022 class B,
EN61000-4-2,3,4,6,8
- Packing 0.1kg ; 150pcs / 15.8kg / 0.97CUFT

- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$ (max.) for dual output;
 $\pm 1\%$ (max.) for triple output
- Load regulation $\pm 0.5\%$ (10~100% load)(Dual)
 $\pm 5\%$ (20~100% load)(Triple)
- Efficiency 83% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection 110%~250%, auto-recovery
- I/O isolation voltage 1000VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- Working temperature -40~+85°C (refer to output derating curve)
- Storage temperature -40°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material Six-sided shield metal case
- EMC Compliance to EN55022 class B,
EN61000-4-2,3,4,5,6,8, FCC part15 class B

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SDM30-12S3	9.2~18	3.3	5.0	75
SDM30-12S5	9.2~18	5	5.0	75
SDM30-12S12	9.2~18	12	2.1	100
SDM30-12S15	9.2~18	15	1.7	100
SDM30-24S3	18~36	3.3	5.0	75
SDM30-24S5	18~36	5	5.0	75
SDM30-24S12	18~36	12	2.5	100
SDM30-24S15	18~36	15	2.0	100
SDM30-48S3	36~72	3.3	5.0	75
SDM30-48S5	36~72	5	5.0	75
SDM30-48S12	36~72	12	2.5	100
SDM30-48S15	36~72	15	2.0	100

♦ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DKA30A-05	9-18	± 5	± 2500	100
DKA30A-12	9-18	± 12	± 1250	100
DKA30A-15	9-18	15	± 1000	100
DKA30B-05	18~36	± 5	± 2500	100
DKA30B-12	18~36	± 12	± 1250	100
DKA30B-15	18~36	± 15	± 1000	100
DKA30C-05	36~72	± 5	± 2500	100
DKA30C-12	36~72	± 12	± 1250	100
DKA30C-15	36~72	± 15	± 1000	100

♦ Triple Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
TKA30A-B	9-18	+5 / ± 12	3500 / ± 310	100
TKA30A-C	9-18	+5 / ± 15	3500 / ± 250	100
TKA30B-B	18~36	+5 / ± 12	3500 / ± 310	100
TKA30B-C	18~36	+5 / ± 15	3500 / ± 250	100
TKA30C-B	36~72	+5 / ± 12	3500 / ± 310	100
TKA30C-C	36~72	+5 / ± 15	3500 / ± 250	100

50W DC-DC Regulated Single Output



2"x 1"x 0.54"

- 2"x1" compact size
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 92%
- Built-in remote ON/OFF control
- Built-in EMI filter
- Trimming output ($\pm 10\%$)
- Protections:
 - Short circuit / Overload / Input and output over voltage
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

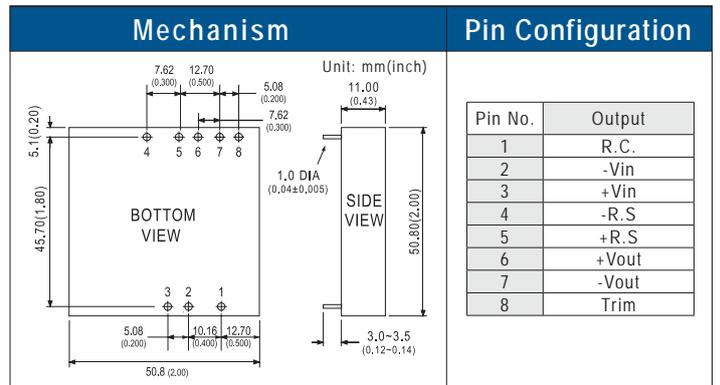
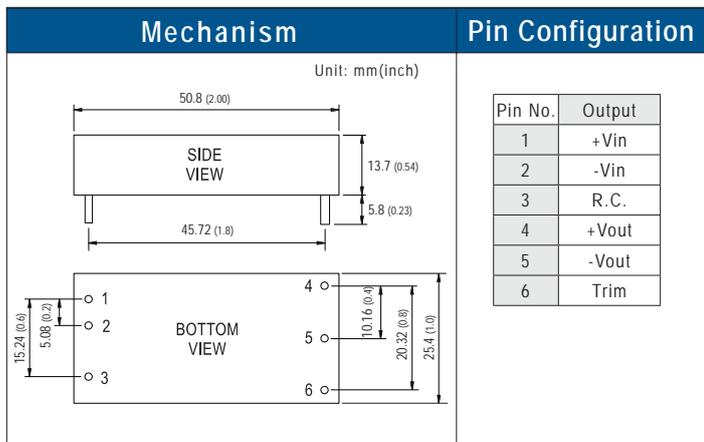
40~60W DC-DC Regulated Single Output



SKA40
2"x 2"x 0.43"

SKA60
2"x 2"x 0.43"

- 2"x2" compact size
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 93%
- Built-in remote ON/OFF control
- Built-in remote sense
- Built-in EMI filter
- Trimming output ($\pm 10\%$)
- Protections:
 - Short circuit / Overload / Input and output over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- Output 3.3V/9V models available for SKA40
- Output 3.3V available for SKA60
- 2 years warranty



- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 0.2\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.) @ 10~100% load
- Efficiency 92% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection 110%~180%, auto-recovery
- I/O isolation voltage 1500VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- Working temperature -40~+75°C (refer to output derating curve)
- Storage temperature -55°C to +125°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material Six-sided shield metal case
- EMC Compliance to EN55022 class A, EN61000-4-2,3,4,5,6,8, FCC part15 class A

- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.) @ 10~100% load
- Overload protection 110%~180%, auto-recovery
- Over voltage protection Clamp by TVS diode
- Efficiency (typical)..... 92% for SKA40; 93% for SKA60
- I/O isolation voltage 1500VDC(min.)
- I/O isolation resistance 100M Ω (min.) @500VDC
- Working temperature -40~+80°C(refer to output derating curve) for SKA40
-40~+70°C(refer to output derating curve) for SKA60
- Storage temperature -55°C to +105°C
- Case Material Six-sided shield metal case
- EMC Compliance to EN55022 class A, EN61000-4-2,3,4,5,6,8, FCC part15 class A

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SKM50B-05	18~36	5	10	60
SKM50B-12	18~36	12	4.17	80
SKM50B-15	18~36	15	3.33	100
SKM50C-05	36~75	5	10	60
SKM50C-12	36~75	12	4.17	80
SKM50C-15	36~75	15	3.33	100

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SKA40A-05	9~18	5	7.00	60
SKA40A-12	9~18	12	3.33	80
SKA40A-15	9~18	15	2.67	100
SKA40B-05	18~36	5	7.00	60
SKA40B-12	18~36	12	3.33	80
SKA40B-15	18~36	15	2.67	100
SKA40C-05	36~75	5	7.00	60
SKA40C-12	36~75	12	3.33	80
SKA40C-15	36~75	15	2.67	100

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
SKA60A-05	9~18	5	12	60
SKA60A-12	9~18	12	5	80
SKA60A-15	9~18	15	4	100
SKA60B-05	18~36	5	12	60
SKA60B-12	18~36	12	5	80
SKA60B-15	18~36	15	4	100
SKA60C-05	36~75	5	12	60
SKA60C-12	36~75	12	5	80
SKA60C-15	36~75	15	4	100



Customer Satisfaction —
Today's effort, tomorrow's reward. Continuously improve CQTS to satisfy customer is our goal.

75W DC-DC Half-Brick Regulated Single Output



2.28"x 2.4"x 0.5"

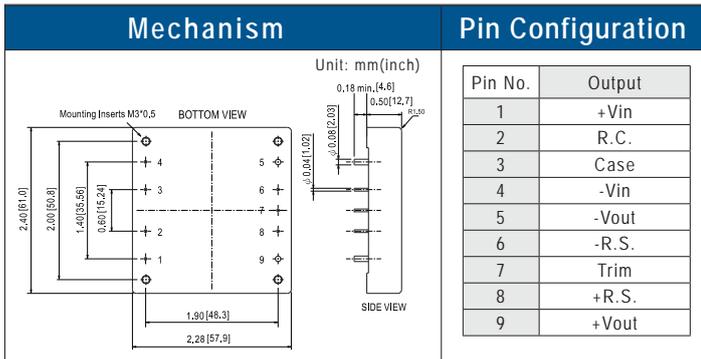
- Half-brick size (2.28"x 2.4"x 0.5") with industry standard pin out
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 89%
- Built-in remote ON/OFF control
- Built-in remote sense
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Five-sided shield metal case
- Output 2.5V / 3.3V / 15V available
- Optional heatsink available
- 3 years warranty

100W DC-DC Half-Brick Regulated Single Output



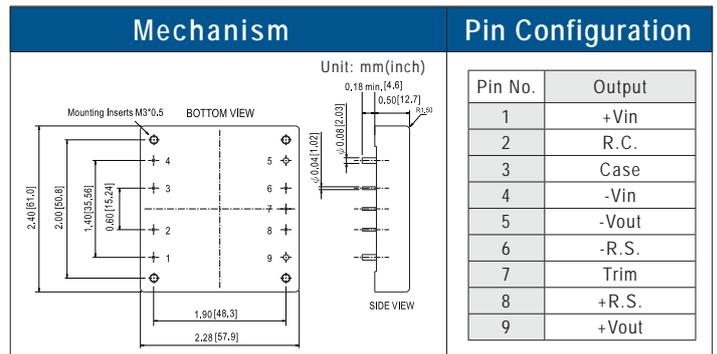
2.28"x 2.4"x 0.5"

- Half-brick size (2.28"x 2.4"x 0.5") with industry standard pin out
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 89%
- Built-in remote ON/OFF control
- Built-in remote sense
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Five-sided shield metal case
- Output 2.5V / 3.3V / 15V available
- Optional heatsink available
- 3 years warranty



- Voltage set point accuracy ... $\pm 1\%$ (max.)
 Line regulation $\pm 0.2\%$ (max.)
 Load regulation $\pm 0.2\%$ (max.)
 Over current protection 110%~150%, auto-recovery
 Over voltage protection 115%~140% rated output voltage, clamp by TVS diode
 Over temperature protection 100°C \pm 5°C of case temperature
 Efficiency 89% (typical)
 I/O isolation voltage 1500VDC(min.)
 I/O isolation resistance 100M Ω (min.) @500VDC
 Working temperature -40~+100°C of case temp.(refer to output derating curve)
 Storage temperature -55~+105°C
 Safety standards UL60950-1 approved
 Case Material Five-sided shield metal case
 EMC Compliance to EN55022 class A with external components(refer to "EMC suggestion circuit"), EN61000-4-2,3,4,5,6,8

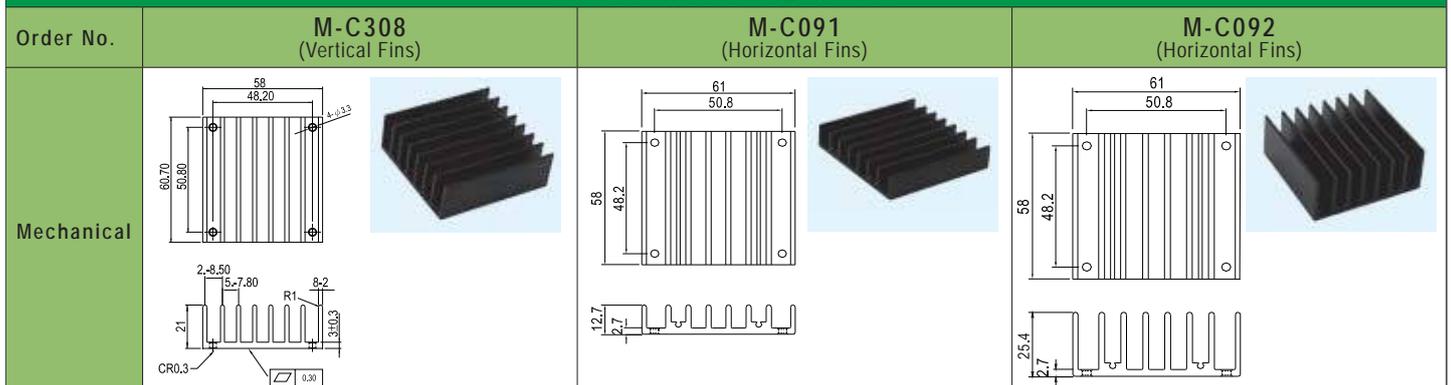
Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
MHB75-12S05	9~18	5	15	75
MHB75-12S12	9~18	12	6.25	100
MHB75-12S24	9~18	24	3.13	240
MHB75-24S05	18~36	5	15	75
MHB75-24S12	18~36	12	6.25	100
MHB75-24S24	18~36	24	3.13	240
MHB75-48S05	36~75	5	15	75
MHB75-48S12	36~75	12	6.25	100
MHB75-48S24	36~75	24	3.13	240



- Voltage set point accuracy ... $\pm 1\%$ (max.)
 Line regulation $\pm 0.2\%$ (max.)
 Load regulation $\pm 0.2\%$ (max.)
 Over current protection 110%~140%, auto-recovery
 Over voltage protection 115%~140% rated output voltage, clamp by TVS diode
 Over temperature protection 100°C \pm 5°C of case temperature
 Efficiency 89% (typical)
 I/O isolation voltage 1500VDC(min.)
 I/O isolation resistance 100M Ω (min.) @500VDC
 Working temperature -40~+100°C of case temp.(refer to output derating curve)
 Storage temperature -55~+105°C
 Safety standards UL60950-1 approved
 Case Material Five-sided shield metal case
 EMC Compliance to EN55022 class A with external components(refer to "EMC suggestion circuit"), EN61000-4-2,3,4,5,6,8

Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
MHB100-24S05	18~36	5	20	100
MHB100-24S12	18~36	12	8.3	150
MHB100-24S24	18~36	24	4.17	240
MHB100-48S05	36~75	5	20	100
MHB100-48S12	36~75	12	8.3	150
MHB100-48S24	36~75	24	4.17	240

Heat Sink for MHB Series



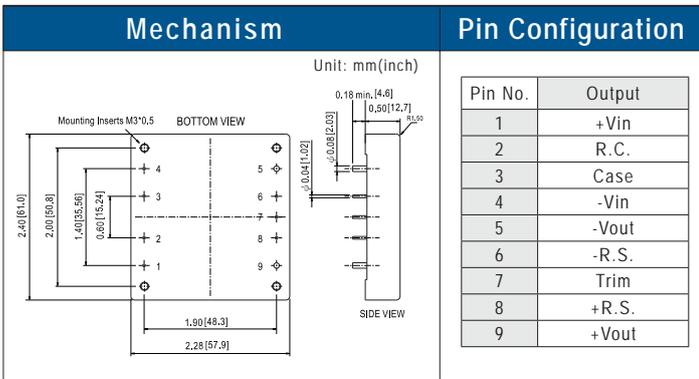
Note: Power module and heat sink should be ordered separately; The heat sinks can be used with MHB75/100/150 series.

150W DC-DC Half-Brick Regulated Single Output



2.28"x 2.4"x 0.5"

- Half-brick size (2.28"x 2.4"x 0.5") with industry standard pin out
- 2:1 wide input range
- 1500VDC I/O isolation
- High efficiency up to 89%
- Built-in remote ON/OFF control
- Built-in remote sense
- Trimming output ($\pm 10\%$)
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Five-sided shield metal case
- Output 2.5V / 3.3V / 15V available
- Optional heatsink available
- 3 years warranty



- Voltage set point accuracy ... $\pm 1\%$ (max.)
- Line regulation $\pm 0.2\%$ (max.)
- Load regulation $\pm 0.2\%$ (max.)
- Over current protection 110%~150%, auto-recovery
- Over voltage protection 115%~140% rated output voltage, clamp by TVS diode
- Over temperature protection $100^{\circ}\text{C} \pm 5^{\circ}\text{C}$ of case temperature
- Efficiency 89% (typical)
- I/O isolation voltage 1500VDC(min.)
- I/O isolation resistance $100\text{M}\Omega$ (min.) @500VDC
- Working temperature $-40 \sim +100^{\circ}\text{C}$ of case temp.(refer to output derating curve)
- Storage temperature $-55 \sim +105^{\circ}\text{C}$
- Safety standards UL60950-1 approved
- Case Material Five-sided shield metal case
- EMC Compliance to EN55022 class A with external components(refer to "EMC suggestion circuit"), EN61000-4-2,3,4,5,6,8

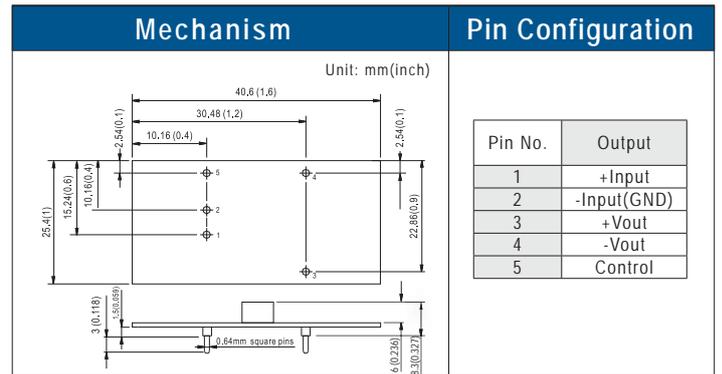
Model No.	Input (VDC)	Output (VDC)	Current (A)	R&N (mVp-p)
MHB150-48S05	36~75	5	30	100
MHB150-48S12	36~75	12	12.5	150
MHB150-48S24	36~75	24	6.25	240

5W DC-DC Regulated Single Output



1.6"x 1"x 0.327"

- 4:1 wide input range
- 1000VDC I/O isolation
- Built-in EMI filter
- Protections: Short circuit / Overload / Over voltage
- Built-in remote ON/OFF control
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



- Voltage set point accuracy ... $\pm 2.0\%$ (max.)
- Line regulation $\pm 1.0\%$ (max.)
- Load regulation $\pm 1 \sim \pm 2\%$ (max.)@10~100% load
- Efficiency 85% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection Over 105% power limiting, auto-recovery
- I/O isolation voltage 1000VDC
- I/O isolation resistance $100\text{M}\Omega$ (min.)@ 500VDC
- Working temperature $-25 \sim +70^{\circ}\text{C}$ (refer to output derating curve)
- Storage temperature $-40 \sim +85^{\circ}\text{C}$
- Temp. Coefficient $\pm 0.03\%$ / $^{\circ}\text{C}$
- Safety standards IEC60950-1 CB approved by TUV
- EMC standards EN55022 class B, EN61000-4-2,3,4,5,6,8
- Packing 0.007kg ; 700pcs / 5.9kg / 0.97CUFT

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD05-12S3	9.2~36	3.3	1200	75
NSD05-12S5	9.2~36	5	1000	75
NSD05-12S12	9.2~36	12	420	75
NSD05-12S15	9.2~36	15	330	75
NSD05-48S3	18~72	3.3	1200	75
NSD05-48S5	18~72	5	1000	75
NSD05-48S12	18~72	12	420	75
NSD05-48S15	18~72	15	330	75

We provide specification, drawing, test report and more information, please visit our website — <http://www.meanwell.com>

48hrs delivery—
We keep enough stock for 95% of standard models at our 2400m² warehouse. We can arrange prompt delivery within 48hrs.



Best products also need best service.

We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.

10W DC-DC Regulated Single and Dual Output

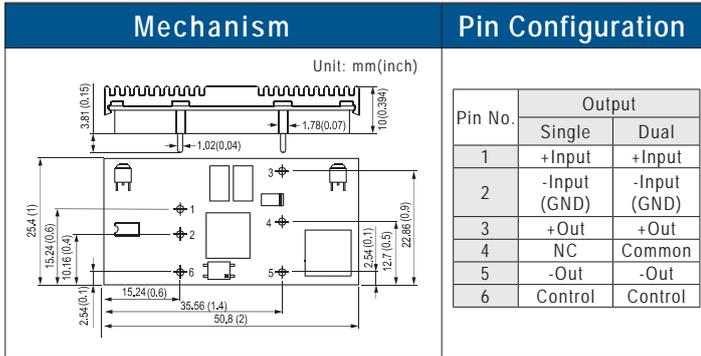


- 4:1 wide input range
- 1000VDC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter
- Built-in remote ON/OFF control
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

15W DC-DC Regulated Single and Dual Output



- 4:1 wide input range
- 1500VDC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter
- Output voltage trimming function
- Built-in remote ON/OFF control
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



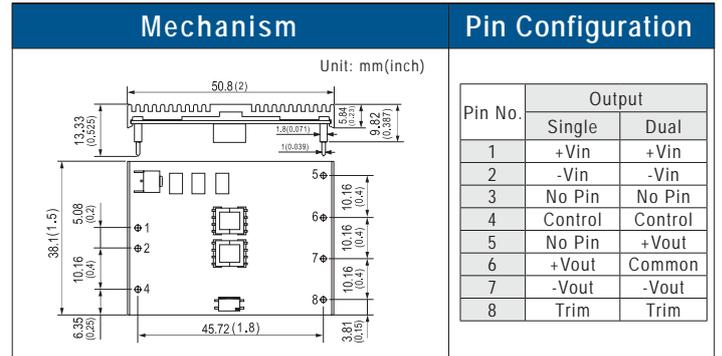
- Voltage set point accuracy ±2% (max.)
- Line regulation ±1% @10~100% load
- Load regulation ±1~±3% @10~100% load
- Efficiency 80% (typical)
- Short circuit protection Continuous, auto-recovery
- Over voltage protection Clamp@115~150%
- Shutdown idle current 20mA
- I/O isolation voltage 1000VDC
- I/O isolation resistance 100MΩ (min.) @500VDC
- Working temperature -25~+70°C
- Storage temperature -40~+85°C
- Temp. coefficient ±0.03% / °C
- Safety standards UL60950-1 approved
- EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
- Packing 0.02kg ; 300pcs / 7.0kg / 0.97CUFT

◆ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD10-12S3	9.8~36	3.3	2500	75
NSD10-12S5	9.8~36	5	2000	75
NSD10-12S9	9.8~36	9	1100	75
NSD10-12S12	9.8~36	12	830	75
NSD10-12S15	9.8~36	15	670	75
NSD10-48S3	22~72	3.3	2500	75
NSD10-48S5	22~72	5	2000	75
NSD10-48S9	22~72	9	1100	75
NSD10-48S12	22~72	12	830	75
NSD10-48S15	22~72	15	670	75

◆ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD10-12D5	9.8~36	±5	±50~1000	75
NSD10-12D12	9.8~36	±12	±20~420	75
NSD10-12D15	9.8~36	±15	±16~330	75
NSD10-48D5	22~72	±5	±50~1000	75
NSD10-48D12	22~72	±12	±20~420	75
NSD10-48D15	22~72	±15	±16~330	75



- Voltage set point accuracy ±2% (max.)
- Line regulation ±1% @10~100% load
- Load regulation ±1~±3% @10~100% load
- Efficiency 85% (typical)
- Short circuit protection Continuous, auto-recovery
- Over voltage protection Clamp@115~150%
- Shutdown idle current 20mA
- I/O isolation voltage 1500VDC
- I/O isolation resistance 100MΩ (min.) @500VDC
- Working temperature -25~+70°C
- Storage temperature -40~+85°C
- Temp. coefficient ±0.03% / °C
- Safety standards UL60950-1 approved
- EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
- Packing 0.03kg ; 180pcs / 6.4kg / 0.97CUFT

◆ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD15-12S3	9.4~36	3.3	3750	100
NSD15-12S5	9.4~36	5	3000	75
NSD15-12S12	9.4~36	12	1250	75
NSD15-12S15	9.4~36	15	1000	75
NSD15-48S3	18~72	3.3	3750	100
NSD15-48S5	18~72	5	3000	75
NSD15-48S12	18~72	12	1250	75
NSD15-48S15	18~72	15	1000	75

◆ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
NSD15-12D5	9.4~36	±5	±70~1500	100
NSD15-12D12	9.4~36	±12	±30~620	100
NSD15-12D15	9.4~36	±15	±20~500	100
NSD15-48D5	18~72	±5	±70~1500	100
NSD15-48D12	18~72	±12	±30~620	100
NSD15-48D15	18~72	±15	±20~500	100

12.5~60W Single Output Non-isolated DC-DC Converter

- Non-isolated, fix-frequency at 250kHz
- 3:1 wide input range for 5-15V output
- $\pm 2\%$ output voltage accuracy
- **High efficiency up to 96%**
- Built-in remote ON/OFF control
- Compact size
- Cooling by free air convection
- **Economical open frame design**
- Protections: Short circuit / Overload / Over voltage
- 2 years warranty



◆ NID30 Series

Mechanism		Pin Configuration													
		<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>1, 2, 3, 4</td> <td>+Vout</td> </tr> <tr> <td>5, 6</td> <td>COM</td> </tr> <tr> <td>7, 8</td> <td>+Vin</td> </tr> <tr> <td>9, 10</td> <td>N.C.</td> </tr> <tr> <td>11</td> <td>R.C.</td> </tr> </tbody> </table>		Pin No.	Output	1, 2, 3, 4	+Vout	5, 6	COM	7, 8	+Vin	9, 10	N.C.	11	R.C.
Pin No.	Output														
1, 2, 3, 4	+Vout														
5, 6	COM														
7, 8	+Vin														
9, 10	N.C.														
11	R.C.														

◆ NID60 Series

Mechanism		Pin Configuration													
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Pin No.	Output														
1, 2, 3, 4	+Vout														
5, 6	COM														
7, 8	+Vin														
9, 10	N.C.														
11	R.C.														

- Voltage set point accuracy $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$
- Load regulation $\pm 0.5\%$ @ 10~100% load
- Efficiency 96% (typical)
- Short circuit protection Continuous, auto-recovery
- Overload protection 120%~300%, auto-recovery
- Over voltage protection Clamp by TVS Diode
- Working temperature -25~+65°C (refer to derating curve)
- Storage temperature -25~+105°C
- Temp. coefficient $\pm 0.03\%$ / °C

◆ NID30 Series

Model No.	Input	Output	R&N	Effi
NID30S24-05	20~53V	5V, 0~2.50A	100mV	91%
NID30S24-12	20~53V	12V, 0~2.50A	120mV	95%
NID30S24-15	20~53V	15V, 0~2.00A	150mV	96%
NID30S48-24	30~53V	24V, 0~1.25A	200mV	93%

◆ NID60 Series

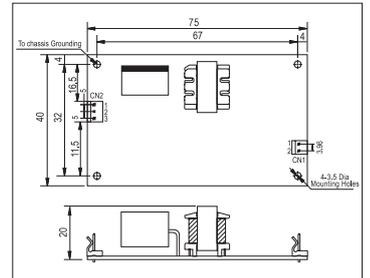
Model No.	Input	Output	R&N	Effi
NID60S24-05	20~53V	5V, 0~4.0A	100mV	90%
NID60S24-12	20~53V	12V, 0~4.0A	120mV	95%
NID60S24-15	20~53V	15V, 0~4.0A	150mV	96%
NID60S48-24	30~53V	24V, 0~2.5A	200mV	95%

5W Single Output DC-DC Converter

- 2:1 wide input range
- 2000VAC I/O isolation
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



75x 40x 20 mm



- Line and load regulation $\pm 1.0\%$ (max.)
- Overload protection >105% fold back current limiting, auto-recovery
- Over voltage protection 115%~135% rated output voltage
- Withstand voltage I/P-O/P: 2kVAC, I/P-FG: 1.5kVAC, 1 minute
- Isolation resistance 100M Ω (min.) @500VDC
- Working temperature -10~+60°C (refer to output derating curve)
- Safety standards Meet LVD
- EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
- Connection 3P, 2P / 3.96mm pitch, Molex 5285-03, 5273-02
- Packing 0.05kg ; 120pcs / 6.25kg / 1.0CUFT

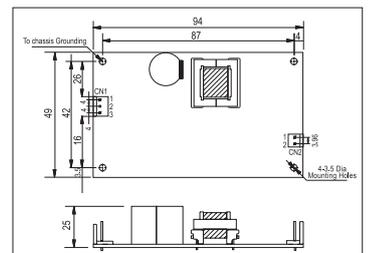
Model No.	Input	Output	R&N	Effi.
PSD-05-5	36~72V	5V, 0~1.0A	50mV	75%
PSD-05-12	36~72V	12V, 0~0.45A	100mV	78%
PSD-05-24	36~72V	24V, 0~0.22A	150mV	78%

15W Single Output DC-DC Converter

- 2:1 wide input range
- 2000VAC I/O isolation
- Protections: Short circuit / Overload / Over voltage / Polarity
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty



94x 49x 25 mm



- Line and load regulation $\pm 1.0\%$ (max.)
- Overload protection 105%~150% hiccup mode, auto-recovery
- Over voltage protection 115%~135% rated output voltage
- Withstand voltage I/P-O/P: 2kVAC, I/P-FG: 1.5kVAC, 1 minute
- Isolation resistance 100M Ω (min.) @500VDC
- Working temperature -10~+60°C (refer to output derating curve)
- Safety standards Meet LVD
- EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
- Connection 3P, 2P / 3.96mm pitch, JST B3P/B2P-VH
- Packing 0.081kg ; 120pcs / 10.72kg

Model No.	Input	Output	R&N	Effi.
PSD-15A-5	9.2~18V	5V, 0~3.0A	50mV	74%
PSD-15A-12	9.2~18V	12V, 0~1.25A	100mV	67%
PSD-15A-24	9.2~18V	24V, 0~0.6A	100mV	72%
PSD-15B-5	18~36V	5V, 0~3.0A	50mV	78%
PSD-15B-12	18~36V	12V, 0~1.25A	100mV	78%
PSD-15B-24	18~36V	24V, 0~0.6A	100mV	78%
PSD-15C-5	36~72V	5V, 0~3.0A	50mV	78%
PSD-15C-12	36~72V	12V, 0~1.25A	100mV	78%
PSD-15C-24	36~72V	24V, 0~0.6A	100mV	79%

30W Single Output DC-DC Converter



101.6x 50.8x 30 mm

- 2:1 wide input range
- Protections: Short circuit / Overload / Over voltage / Reverse polarity
- 1500VAC I/O isolation
- Cooling by free air convection
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~13.5V, 24V: 22~26V

Line and load regulation .. ±1% (max.)

Overload protection 105%~150% hiccup mode, auto-recovery

Over voltage protection ... 115%~150% rated output voltage

Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute

Working temperature -20~+60°C (refer to output derating curve)

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8, EN55024

Connection 3P, 4P / 3.96mm pitch, JST B3P/B4P-VH-B

Model No.	Input	Output	R&N	Effi.
PSD-30A-05	9~18V	5V, 0~5.0A	100mV	77%
PSD-30A-12	9~18V	12V, 0~2.5A	120mV	77%
PSD-30A-24	9~18V	24V, 0~1.25A	150mV	78%
PSD-30B-05	18~36V	5V, 0~5.0A	100mV	79%
PSD-30B-12	18~36V	12V, 0~2.5A	120mV	80%
PSD-30B-24	18~36V	24V, 0~1.25A	150mV	83%
PSD-30C-05	36~72V	5V, 0~5.0A	100mV	80%
PSD-30C-12	36~72V	12V, 0~2.5A	120mV	82%
PSD-30C-24	36~72V	24V, 0~1.25A	150mV	83%

45W Single Output DC-DC Converter



127x 76x 30 mm

- 2:1 wide input range
- Protections: Short circuit / Overload / Over voltage / Reverse polarity
- Cooling by free air convection
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Fixed switching frequency at 96kHz
- Low cost
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 10.8~13.2V,

24V: 21.6~26.4V

Line and load regulation ±1% (max.)

Overload protection 105%~160% shut down, re-power on to recover

Over voltage protection 115%~135% rated output voltage

Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute

Working temperature -10~+60°C (refer to output derating curve)

Safety standards EN60950-1 CB approved by TUV

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8, EN55024

Connection 2P, 6P / 3.96mm pitch, Molex 5277-02, 5273-06

Packing 0.19kg ; 72pcs / 15.6kg / 1.35CUFT

Model No.	Input	Output	R&N	Effi.
PSD-45A-05	9.2~18V	5V, 0~6.0A	100mV	74%
PSD-45A-12	9.2~18V	12V, 0~2.5A	120mV	78%
PSD-45A-24	9.2~18V	24V, 0~1.25A	150mV	79%
PSD-45B-05	18~36V	5V, 0~9.0A	100mV	77%
PSD-45B-12	18~36V	12V, 0~3.75A	120mV	82%
PSD-45B-24	18~36V	24V, 0~1.875A	150mV	85%
PSD-45C-05	37~72V	5V, 0~9.0A	100mV	80%
PSD-45C-12	37~72V	12V, 0~3.75A	120mV	83%
PSD-45C-24	37~72V	24V, 0~1.875A	150mV	86%

15W Single Output DC-DC Converter



CASE: 931A

78x 51x 28 mm

- 2:1 wide input range
- 2000VAC I/O isolation
- Cooling by free air convection
- Protections: Short circuit / Over load / Over voltage
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 5V: 4.75~5.5V, 12V: 10.8~13.2V,

24V: 21.6~26.4V

Line and load regulation ±0.5% (max.)

Overload protection 105%~160% hiccup mode, auto-recovery

Over voltage protection 115%~135% rated output voltage

Withstand voltage I/P-O/P: 2kVAC, I/P-FG: 1.5kVAC, 1 minute

Working temperature -10~+60°C (refer to output derating curve)

Safety standard Meet LVD

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8

Packing 0.18kg ; 60pcs / 11.8kg

Model No.	Input	Output	R&N	Effi.
SD-15A-5	9.2~18V	5V, 0~3.0A	100mV	68%
SD-15A-12	9.2~18V	12V, 0~1.25A	120mV	72%
SD-15A-24	9.2~18V	24V, 0~0.625A	150mV	70%
SD-15B-5	18~36V	5V, 0~3.0A	100mV	76%
SD-15B-12	18~36V	12V, 0~1.25A	120mV	76%
SD-15B-24	18~36V	24V, 0~0.625A	150mV	77%
SD-15C-5	36~72V	5V, 0~3.0A	100mV	75%
SD-15C-12	36~72V	12V, 0~1.25A	120mV	79%
SD-15C-24	36~72V	24V, 0~0.625A	150mV	78%

25W Single Output DC-DC Converter



CASE: 905

99x 97x 36 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V

Line and load regulation ±0.5% (max.)

Overload protection 105%~150% hiccup mode, auto-recovery

Over voltage protection 115%~165% rated output voltage

Withstand voltage I/P-O/P: 2kVAC, I/P-FG: 1.5kVAC, 1 minute

Isolation resistance 100MΩ (min.) @500VDC

Working temperature -10~+60°C (refer to output derating curve)

Safety standards Meet LVD

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8

Packing 0.38kg ; 45pcs / 17.8kg / 0.9CUFT

Model No.	Input	Output	R&N	Effi.
SD-25A-5	9.2~18V	5V, 0~5.0A	100mV	71%
SD-25A-12	9.2~18V	12V, 0~2.1A	120mV	72%
SD-25A-24	9.2~18V	24V, 0~1.1A	150mV	75%
SD-25B-5	19~36V	5V, 0~5.0A	100mV	72%
SD-25B-12	19~36V	12V, 0~2.1A	120mV	75%
SD-25B-24	19~36V	24V, 0~1.1A	150mV	78%
SD-25C-5	36~72V	5V, 0~5.0A	100mV	74%
SD-25C-12	36~72V	12V, 0~2.1A	120mV	78%
SD-25C-24	36~72V	24V, 0~1.1A	150mV	81%

50W Single Output DC-DC Converter



CASE: 901 159x 97x 38 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Over load / Over voltage
- Built-in EMI filter, low ripple noise
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V
 Line and load regulation ±0.5% (max.)
 Overload protection 105%~150% hiccup mode, auto-recovery
 Over voltage protection 115%~165% rated output voltage
 Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute
 Isolation resistance 100MΩ (min.) @500VDC
 Working temperature -10~+60°C (refer to output derating curve)
 Safety standard Meet LVD
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
 Packing 0.53kg ; 24pcs / 12.7kg / 0.75CUFT

Model No.	Input	Output	R&N	Effi.
SD-50A-5	9.2~18V	5V, 0~10A	100mV	70%
SD-50A-12	9.2~18V	12V, 0~4.2A	120mV	72%
SD-50A-24	9.2~18V	24V, 0~2.1A	150mV	74%
SD-50B-5	19~36V	5V, 0~10A	100mV	73%
SD-50B-12	19~36V	12V, 0~4.2A	120mV	75%
SD-50B-24	19~36V	24V, 0~2.1A	150mV	80%
SD-50C-5	36~72V	5V, 0~10A	100mV	76%
SD-50C-12	36~72V	12V, 0~4.2A	120mV	78%
SD-50C-24	36~72V	24V, 0~2.1A	150mV	83%

150W Single Output DC-DC Converter



CASE: 906 199x 110x 50 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Over load / Over voltage
- Built-in EMI filter, low ripple noise
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 12V: 11~16V, 24V: 23~30V
 Line regulation ±0.5% (max.)
 Load regulation ±0.5% (max.)
 Overload protection 105%~135% hiccup mode, auto-recovery
 Over voltage protection 130%~165% rated output voltage
 Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute
 Isolation resistance 100MΩ (min.) @500VDC
 Working temperature -10~+60°C (refer to output derating curve)
 Safety standards Meet LVD, EN60950-1 CB approved by TUV (D type only)
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
 Packing 0.86kg ; 16pcs / 14.5kg / 0.95CUFT

Model No.	Input	Output	R&N	Effi.
SD-150B-12	19~36V	12V, 0~12.5A	120mV	75%
SD-150B-24	19~36V	24V, 0~6.3A	150mV	77%
SD-150C-12	36~72V	12V, 0~12.5A	120mV	77%
SD-150C-24	36~72V	24V, 0~6.3A	150mV	80%
SD-150D-12	72~144V	12V, 0~12.5A	120mV	79%
SD-150D-24	72~144V	24V, 0~6.3A	150mV	82%

100W Single Output DC-DC Converter



CASE: 902 199x 98x 38 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Overload / Over voltage
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V
 Line regulation ±0.5% (max.)
 Load regulation ±0.5% (max.)
 Overload protection 105%~135% hiccup mode, auto-recovery
 Over voltage protection 115%~165% rated output voltage
 Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute
 Isolation resistance 100MΩ (min.) @500VDC
 Working temperature -10~+60°C (refer to output derating curve)
 Safety standards Meet LVD, EN60950-1 CB approved by TUV (D type only)
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
 Packing 0.65kg ; 20pcs / 13.8kg / 0.8CUFT

Model No.	Input	Output	R&N	Effi.
SD-100B-5	19~36V	5V, 0~20A	100mV	74%
SD-100B-12	19~36V	12V, 0~8.5A	120mV	75%
SD-100B-24	19~36V	24V, 0~4.2A	150mV	78%
SD-100C-5	36~72V	5V, 0~20A	100mV	75%
SD-100C-12	36~72V	12V, 0~8.5A	120mV	77%
SD-100C-24	36~72V	24V, 0~4.2A	150mV	81%
SD-100D-5	72~144V	5V, 0~20A	100mV	76%
SD-100D-12	72~144V	12V, 0~8.5A	120mV	80%
SD-100D-24	72~144V	24V, 0~4.2A	150mV	83%

200W Single Output DC-DC Converter



CASE: 912H 215x 115x 50 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Cooling by free air convection
- 100% full load burn-in test
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V, 48V: 43~53V
 Voltage tolerance ±2% (max.)
 Overload protection 105%~135% shut off, re-power on to recover
 Over voltage protection 110%~167% rated output voltage
 Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 2kVAC, 1 minute
 Working temperature -20~+60°C (refer to output derating curve)
 Safety standards Meet LVD, EN60950-1 CB approved by TUV (D type only)
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8
 Packing 1.1kg ; 12pcs / 14.4kg / 0.92CUFT

Model No.	Input	Output	R&N	Effi.
SD-200B-5	19~36V	5V, 0~34.0A	100mV	79%
SD-200B-12	19~36V	12V, 0~16.7A	120mV	82%
SD-200B-24	19~36V	24V, 0~8.40A	150mV	85%
SD-200B-48	19~36V	48V, 0~4.20A	200mV	86%
SD-200C-5	36~72V	5V, 0~40.0A	100mV	81%
SD-200C-12	36~72V	12V, 0~16.7A	120mV	84%
SD-200C-24	36~72V	24V, 0~8.40A	150mV	86%
SD-200C-48	36~72V	48V, 0~4.20A	200mV	86%
SD-200D-5	72~144V	5V, 0~40.0A	100mV	82%
SD-200D-12	72~144V	12V, 0~16.7A	120mV	82%
SD-200D-24	72~144V	24V, 0~8.40A	150mV	84%
SD-200D-48	72~144V	48V, 0~4.20A	200mV	90%

350W Single Output DC-DC Converter

CBC[®]CE

(D type)



CASE: 912B 215x 115x 50 mm

- 2:1 wide input range
- 1500VAC I/O isolation
- Protections: Short circuit / Over load / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- 2 years warranty

DC adjustment range 5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V, 48V: 43~53V

Voltage tolerance ±2% (max.)

Overload protection 105%~135% shut off, re-power on to recover

Over voltage protection .. 110%~167% rated output voltage

Withstand voltage I/P-O/P: 1.5kVAC, I/P-FG: 2kVAC, 1 minute

Working temperature -20~+60°C (refer to output derating curve)

Safety standards Meet LVD, EN60950-1 CB approved by TUV (D type only)

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8

Packing 1.1kg ; 12pcs / 14.4kg / 0.92CUFT

Model No.	Input	Output	R&N	Effi.
SD-350B-5	19~36V	5V, 0~57.0A	100mV	74%
SD-350B-12	19~36V	12V, 0~27.5A	120mV	80%
SD-350B-24	19~36V	24V, 0~14.6A	150mV	80%
SD-350B-48	19~36V	48V, 0~7.30A	200mV	84%
SD-350C-5	36~72V	5V, 0~60.0A	100mV	76%
SD-350C-12	36~72V	12V, 0~27.5A	120mV	81%
SD-350C-24	36~72V	24V, 0~14.6A	150mV	81%
SD-350C-48	36~72V	48V, 0~7.30A	200mV	82%
SD-350D-5	72~144V	5V, 0~60.0A	100mV	78%
SD-350D-12	72~144V	12V, 0~29.2A	120mV	83%
SD-350D-24	72~144V	24V, 0~14.6A	150mV	87%
SD-350D-48	72~144V	48V, 0~7.30A	200mV	89%

500W Single Output DC-DC Converter

CBC[®]CE



CASE: 912A 215x 115x 50 mm

- 4:1 & 2:1 DC input range
- DC input active surge current limiting
- Protections: Short circuit / Overload / Over voltage / Over temp. / Input polarity
- 2000VAC I/O Isolation
- Forced air cooling by built-in DC fan with fan speed control function
- Output OK signal
- Built-in remote ON/OFF control
- Built-in remote sense function
- 3 years warranty

DC adjustment range 12V: 11~15V, 24V: 23~30V, 48V: 46~60V

Line regulation ±0.5% (max.)

Load regulation ±0.5% (max.)

Overload protection 105%~125% constant current limiting, shut off after 5 sec., re-power on to recover

Over voltage protection 130%~160% rated output voltage

Withstand voltage I/P-O/P: 2kV, I/P-FG: 2kV, 1 minute

Isolation resistance 100MΩ (min.) @500VDC

Working temperature -20~+60°C (refer to output derating curve)

Safety standards IEC60950-1 CB approved by TUV

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8

Packing 1.15kg ; 12pcs / 14.8kg / 0.92CUFT

Model No.	Input	Output	R&N	Effi.
SD-500L-12	19~72V	12V, 0~40A	150mV	86%
SD-500L-24	19~72V	24V, 0~21A	150mV	88%
SD-500L-48	19~72V	48V, 0~10.5A	150mV	89%
SD-500H-12	72~144V	12V, 0~40A	150mV	87%
SD-500H-24	72~144V	24V, 0~21A	150mV	89%
SD-500H-48	72~144V	48V, 0~10.5A	150mV	90%

1000W Single Output DC-DC Converter

CBC[®]CE



CASE: 952B 295x 127x 41 mm

- 4:1 & 2:1 wide input range
- 2000VAC I/O Isolation
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- High power density 10.7W/inch³
- 1U low profile 41mm
- Output OK signal
- 12V / 0.25A auxiliary output
- Built-in remote ON/OFF control
- Built-in remote sense function
- 3 years warranty

DC adjustment range 12V: 11~15V, 24V: 23~30V, 48V: 46~60V

Line regulation ±0.5% (max.)

Load regulation ±0.5% (max.)

Overload protection 105%~125% constant current limiting, shut off after 5 sec., re-power on to recover

Over voltage protection 130%~160% rated output voltage

Withstand voltage I/P-O/P: 2kV, I/P-FG: 1.5kV, 1 minute

Isolation resistance 100MΩ (min.) @500VDC

Working temperature -20~+60°C (refer to output derating curve)

Safety standards IEC60950-1 CB approved by TUV

EMC standards EN55022 class B, EN61000-4-2,3,4,6,8

Packing 1.94kg ; 6pcs / 12.6kg / 0.99CUFT

Model No.	Input	Output	R&N	Effi.
SD-1000L-12	19~72V	12V, 0~60A	150mV	84%
SD-1000L-24	19~72V	24V, 0~40A	150mV	88%
SD-1000L-48	19~72V	48V, 0~21A	150mV	90%
SD-1000H-12	72~144V	12V, 0~60A	150mV	85%
SD-1000H-24	72~144V	24V, 0~40A	150mV	89%
SD-1000H-48	72~144V	48V, 0~21A	150mV	92%

Under Development

IRM-60 Series

60W AC/DC Miniature Encapsulated Type

- Universal AC input / Full range
- Miniature size, high power density
- No load power consumption < 0.1W
- High efficiency up to 90%
- Isolation Class II
- Withstand 5G vibration test
- Fully isolated plastic case
- Protection: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Design refer to UL60950-1, TUV EN60950-1
- Optional screw terminal I/O connection models
- Output models: 5V / 12V / 15V / 24V / 48V
- Dimension(LxWxH): 87x 52x 29.5mm
- 3 years warranty

DC/DC Converter 100~300W Railway Single Output



Features

- Compliance to EN50155 railway standard
- 2:1 wide input range
- 4000VDC I/O isolation
- Protections:
 - Short circuit / Overload / Over voltage / Input reverse polarity / Over temp.(RSD-150/200/300)
- Cooling by free air convection
- Built-in constant current limiting circuit
- 1U low profile
- All using 105°C long life electrolytic capacitors
- Half encapsulated
- 100% full load burn-in test
- 3 years warranty



General Specification (Please refer to www.meanwell.com for detail spec.)

Model No.	RSD-100	RSD-150	RSD-200	RSD-300
Line regulation (max.)	±0.5%			
Load regulation (max.)	±1%			
Overload protection	Range	105%~135%		
	Type	Constant current limiting, recovers automatically after fault condition is removed		
Over voltage protection	115%~135% Shut down O/P voltage, re-power on to recover			115%~140%
Withstand voltage	I/P-O/P: 4kVDC, I/P-FG: 2.5kVDC, O/P-FG: 2.5kVDC, 1 minute			
Isolation resistance	100MΩ(min.) @500VDC			
Working temperature	-40~+70°C (refer to output derating curve)			
Safety standards	Meet IEC60950-1(LVD)			
EMC standards	EN55022 class B, EN50121-3-2, EN61000-4-2,3,4,5,6,8			
Railway standard	EN50155 / IEC60571			
Dimension (LxWxH)(mm)	161x68x36	189x77x36	191x86x40	216x97x40
Packing	24pcs / 15.4kg	15pcs / 13kg	12pcs / 12.3kg	12pcs / 15.3kg

100W RSD-100

Model No.	Input	Output	R&N	Effi.
RSD-100B-5	14.4~33.6V	5V, 0~20A	100mV	88.0%
RSD-100B-12	14.4~33.6V	12V, 0~8.4A	120mV	89.0%
RSD-100B-24	14.4~33.6V	24V, 0~4.2A	150mV	89.0%
RSD-100C-5	28.8~67.2V	5V, 0~20A	100mV	89.0%
RSD-100C-12	28.8~67.2V	12V, 0~8.4A	120mV	91.0%
RSD-100C-24	28.8~67.2V	24V, 0~4.2A	150mV	91.0%
RSD-100D-5	57.6~154V	5V, 0~20A	100mV	89.5%
RSD-100D-12	57.6~154V	12V, 0~8.4A	120mV	91.0%
RSD-100D-24	57.6~154V	24V, 0~4.2A	150mV	90.0%

Model No.	Input	Output	R&N	Effi.
RSD-200C-48	28.8~67.2V	48V, 0~4.2A	180mV	91%
RSD-200D-12	57.6~154V	12V, 0~16.7A	120mV	91%
RSD-200D-24	57.6~154V	24V, 0~8.4A	150mV	91%
RSD-200D-48	57.6~154V	48V, 0~4.2A	180mV	91%

150W RSD-150

Model No.	Input	Output	R&N	Effi.
RSD-150B-5	14.4~33.6V	5V, 0~30A	100mV	89%
RSD-150B-12	14.4~33.6V	12V, 0~12.5A	120mV	90%
RSD-150B-24	14.4~33.6V	24V, 0~6.3A	150mV	90%
RSD-150C-5	28.8~67.2V	5V, 0~30A	100mV	90%
RSD-150C-12	28.8~67.2V	12V, 0~12.5A	120mV	92%
RSD-150C-24	28.8~67.2V	24V, 0~6.3A	150mV	91%
RSD-150D-5	57.6~154V	5V, 0~30A	100mV	90%
RSD-150D-12	57.6~154V	12V, 0~12.5A	120mV	92%
RSD-150D-24	57.6~154V	24V, 0~6.3A	150mV	91%

300W RSD-300

Model No.	Input	Output	R&N	Effi.
RSD-300B-5	14.4~33.6V	5V, 0~42A	100mV	89.0%
RSD-300B-12	14.4~33.6V	12V, 0~22.5A	120mV	89.5%
RSD-300B-24	14.4~33.6V	24V, 0~11.3A	150mV	90.0%
RSD-300B-48	14.4~33.6V	48V, 0~5.7A	180mV	91.5%
RSD-300C-5	28.8~67.2V	5V, 0~42A	100mV	90.5%
RSD-300C-12	28.8~67.2V	12V, 0~25A	120mV	91.0%
RSD-300C-24	28.8~67.2V	24V, 0~12.5A	150mV	91.5%
RSD-300C-48	28.8~67.2V	48V, 0~6.3A	180mV	92.0%
RSD-300D-5	57.6~154V	5V, 0~42A	100mV	90.0%
RSD-300D-12	57.6~154V	12V, 0~25A	120mV	91.5%
RSD-300D-24	57.6~154V	24V, 0~12.5A	150mV	91.5%
RSD-300D-48	57.6~154V	48V, 0~6.3A	180mV	91.5%
RSD-300E-5	21.6~50.4V	5V, 0~42A	100mV	88.0%
RSD-300E-12	21.6~50.4V	12V, 0~25A	120mV	90.0%
RSD-300E-24	21.6~50.4V	24V, 0~12.5A	150mV	91.0%
RSD-300E-48	21.6~50.4V	48V, 0~6.3A	180mV	91.0%
RSD-300F-5	43.2~100.8V	5V, 0~42A	100mV	89.0%
RSD-300F-12	43.2~100.8V	12V, 0~25A	120mV	91.0%
RSD-300F-24	43.2~100.8V	24V, 0~12.5A	150mV	91.0%
RSD-300F-48	43.2~100.8V	48V, 0~6.3A	180mV	91.5%

200W RSD-200

Model No.	Input	Output	R&N	Effi.
RSD-200B-12	14.4~33.6V	12V, 0~16.7A	120mV	89%
RSD-200B-24	14.4~33.6V	24V, 0~8.4A	150mV	89%
RSD-200B-48	14.4~33.6V	48V, 0~4.2A	180mV	89%
RSD-200C-12	28.8~67.2V	12V, 0~16.7A	120mV	91%
RSD-200C-24	28.8~67.2V	24V, 0~8.4A	150mV	91%



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Product	Code	Reference	Product link
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DC/DC Converter Modular Type Series DCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW03A12	DCW03A-12	Buy on EAN
DC/DC Converter Modular Type Series DCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW03A15	DCW03A-15	Buy on EAN
DC/DC Converter Modular Type Series DCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW03C05	DCW03C-05	Buy on EAN
DC/DC Converter Modular Type Series DCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW05A05	DCW05A-05	Buy on EAN
DC/DC Converter Modular Type Series DCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW05A12	DCW05A-12	Buy on EAN
DC/DC Converter Modular Type Series DCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW05A15	DCW05A-15	Buy on EAN
DC/DC Converter Modular Type Series DCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW05C05	DCW05C-05	Buy on EAN
DC/DC Converter Modular Type Series DCW08 8W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	DCW08A05	DCW08A-05	Buy on EAN
DC/DC Converter Modular Type Series DKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	DKA15A05	DKA15A-05	Buy on EAN
DC/DC Converter Modular Type Series DKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	DKA15A15	DKA15A-15	Buy on EAN

DC/DC Converter Open Frame Series PSD-45 45W Input Vac Dimension 127x 76x 30 mm Warranty 2 year	PSD45A05	PSD-45A-05	Buy on EAN
DC/DC Converter Open Frame Series PSD-45 45W Input Vac Dimension 127x 76x 30 mm Warranty 2 year	PSD45B05	PSD-45B-05	Buy on EAN
DC/DC Converter Open Frame Series PSD-45 45W Input Vac Dimension 127x 76x 30 mm Warranty 2 year	PSD45C05	PSD-45C-05	Buy on EAN
DC/DC Converter Modular Type Series SCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW03A05	SCW03A-05	Buy on EAN
DC/DC Converter Modular Type Series SCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW03A12	SCW03A-12	Buy on EAN
DC/DC Converter Modular Type Series SCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW03A15	SCW03A-15	Buy on EAN
DC/DC Converter Modular Type Series SCW03 3W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW03C05	SCW03C-05	Buy on EAN
DC/DC Converter Modular Type Series SCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW05A05	SCW05A-05	Buy on EAN
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DC/DC Converter Modular Type Series SCW05 5W Input Vac Dimension 1.25x0.8x0.48 inch Warranty 2 year	SCW05C09	SCW05C-09	Buy on EAN
DC/DC Converter Enclosed Type Series SD-200 200W Input Vac Dimension 215x115x50 mm Warranty 2 year	SD200D	SD-200D	Buy on EAN
DC/DC Converter Enclosed Type Series SD-350 350W Input Vac Dimension 215x115x50 mm Warranty 2 year	SD350B	SD-350B	Buy on EAN
DC/DC Converter Enclosed Type Series SD-350 350W Input Vac Dimension 215x115x50 mm Warranty 2 year	SD350C	SD-350C	Buy on EAN
DC/DC Converter Enclosed Type Series SD-350 350W Input Vac Dimension 215x115x50 mm Warranty 2 year	SD350D	SD-350D	Buy on EAN

Input: 72-144 DC, Output: 1, V1: 12, A1: 40	SD500H12	SD-500H-12	Buy on EAN
Input: 72-144 DC, Output: 1, V1: 24, A1: 21	SD500H24	SD-500H-24	Buy on EAN
Input: 72-144 DC, Output: 1, V1: 48, A1: 10,5	SD500H48	SD-500H-48	Buy on EAN
Input: 19-72 DC, Output: 1, V1: 12, A1: 40	SD500L12	SD-500L-12	Buy on EAN
Input: 19-72 DC, Output: 1, V1: 24, A1: 21	SD500L24	SD-500L-24	Buy on EAN
Input: 19-72 DC, Output: 1, V1: 48, A1: 10,5	SD500L48	SD-500L-48	Buy on EAN
Input: 9,2-18 DC, Output: 1, V1: 12, A1: 4,2	SD50A12	SD-50A-12	Buy on EAN
Input: 9,2-18 DC, Output: 1, V1: 24, A1: 2,1	SD50A24	SD-50A-24	Buy on EAN
Input: 9,2-18 DC, Output: 1, V1: 5, A1: 10	SD50A5	SD-50A-5	Buy on EAN
Input: 19-36 DC, Output: 1, V1: 12, A1: 4,2	SD50B12	SD-50B-12	Buy on EAN
Input: 19-36 DC, Output: 1, V1: 24, A1: 2,1	SD50B24	SD-50B-24	Buy on EAN
Input: 19-36 DC, Output: 1, V1: 5, A1: 10	SD50B5	SD-50B-5	Buy on EAN
Input: 36-72 DC, Output: 1, V1: 12, A1: 4,2	SD50C12	SD-50C-12	Buy on EAN
Input: 36-72 DC, Output: 1, V1: 24, A1: 2,1	SD50C24	SD-50C-24	Buy on EAN
Input: 36-72 DC, Output: 1, V1: 5, A1: 10	SD50C5	SD-50C-5	Buy on EAN
DC/DC Converter Modular Type Series SKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA15A033	SKA15A-033	Buy on EAN
DC/DC Converter Modular Type Series SKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA15A05	SKA15A-05	Buy on EAN
DC/DC Converter Modular Type Series SKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA15A12	SKA15A-12	Buy on EAN
DC/DC Converter Modular Type Series SKA15 15W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA15A15	SKA15A-15	Buy on EAN
DC/DC Converter Modular Type Series SKA20 20W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA20A05	SKA20A-05	Buy on EAN
DC/DC Converter Modular Type Series SKA20 20W Input Vac Dimension 2x1x0.44 inch Warranty 2 year	SKA20A12	SKA20A-12	Buy on EAN
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DC/DC Converter Modular Type Series SPB03 3W Input Vac Dimension 0.86x0.44x0.36 inch Warranty 2 year	SPB03A05	SPB03A-05	Buy on EAN