

# Uninterruptible Power Supply (UPS)






BU\_2SW & BU\_2RWL series



## How you benefit

- Online power supply method to protect against instantaneous voltage drop or power interruption
- LCD operation without PC & 7 SEG operation
- Standardised product which can be used in different environments
- Variety of communication I/F for different needs: Input / Output terminal block, USB/RS-232C/I/O signal/Ethernet for communication, and external remote ON/OFF signal for emergency stop
- Hot-swappable batteries ensure clean, uninterrupted power to protected equipment while batteries are replaced.

Our multiple mounting online type UPS series for AC applications provides a pure sine curve output, useful in a variety of applications for IPC/PC/Vision system/Windows controller/etc. It maintains power supply while data is saved and the system is shut down safely.

	BU_2SW series Tower type	BU_2RWL series 19inch-rack type
5000VA (3500W)		 BU5002RWLG
3000VA (2100W)	BU3002SWG 	 BU3002RWLG
2000VA (1400W)		 BU2002RWLG
1000VA (700W)	 BU1002SWG	

Would you like to know more?

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## BU\_2SW & BU\_2RWL series

### Ordering information

#### BU\_2SW series

Input voltage	Output voltage	Output current/capacity	Model number
220/230/240 VAC	220/230/240 VAC	1,000 VA/700 W	BU1002SWG
		3,000 VA/2,100 W	BU3002SWG

#### BU\_2SW series - Replacement battery

Rated voltage	Rated capacity	Weight	Model number	UPS Model : Required units
12VDC	7.2 Ah	8.3 kg	BP100XSG	BU1002SWG : 1pcs
12VDC	9 Ah	8.3 kg	BP150XSG	BU3002SWG : 2pcs

#### BU\_2SW series - Mounting Bracket

Model number	UPS Model
BUP100SG	BU1002SWG
BUP300SG	BU3002SWG

#### Common options - Communication Card

Name	Communication protocol	Model number
I/O signal communication card	I/O signal(PNP/NPN output)	SC08G
SNMP/Web communication card	SNMP	SC20G2

#### BU\_2RWL series

Input voltage	Output voltage	Output current/capacity	Model number
200/208/ 220/230/240 VAC	200/208/ 220/230/240 VAC	2,000 VA/1,400 W	BU2002RWLG
		3,000 VA/2,100 W	BU3002RWLG
		5,000 VA/3,500 W	BU5002RWLG

#### BU\_2RWL series - Replacement battery

Rated voltage	Rated capacity	Weight	Model number	UPS Model : Required units
48 VDC	9 Ah	11 kg	BUB2002RW	BU2002RWLG : 1pcs
72 VDC	9 Ah	17 kg	BUB3002RW	BU3002RWLG : 1pcs
				BU5002RWLG : 2pcs

### Specifications

		BU1002SWG	BU3002SWG	BU2002RWLG	BU3002RWLG	BU5002RWLG
Operation method		Online Full-time inverter supply method		Online Full-time inverter supply method (high efficiency)		
AC input	Rated input voltage	220/230/240 VAC		200/208/220/230/240 VAC		
	Input voltage range	AC185±4 to 276±4VAC, AC210±4 to 276±4VAC (with 85% or more connection load)		200 V mode: 170±2 to 278±2 VAC, 208 V mode: 177±2 to 278±2 VAC 220 V mode: 186±2 to 278±2 VAC, 230 V mode: 194±2 to 278±2 VAC 240 V mode: 202±2 to 278±2 VAC, 100 V mode: 170±2 to 278±2 VAC		
	Maximum current(at rated voltage)	5.8A	16A	11 A	16 A	27 A
	Phase	Single-phase, two-wire		Single-phase, two-wire		
	Input plug	Schuko CEE 7/7	Schuko CEE 7/7	Terminal block	NEMA L6-30P / Terminal block	
AC output	Output capacity (upper limit)	1000VA/700W	3000VA/2100W	2000 VA/1400 W (in 200-240V mode)	3000 VA/2100 W (in 200-240V mode)	5000 VA/3500 W (in 200-240V mode)
	Rated current (output rating voltage)	4.6A	15A	10A	15A	25A
	Output voltage	220V mode: AC220V±3%, 230V mode: AC230V±3%, 240V mode: AC240V±3%		200 V mode: 200 VAC±2%, 208 V mode: 208 VAC±2% 220 V mode: 220 VAC±2%, 230 V mode: 230 VAC±2% 240 V mode: 240 VAC±2%, 100 V mode: 100 VAC±5%		
	Output waveform	Sine wave		Sine wave		
	Phase	Single-phase, two-wire		Single-phase, two-wire		
	Output receptacles	IEC C13 × 3, Terminal block	IEC C19 × 1, C13 × 5, Terminal block	Terminal block		NEMA L6-30R × 2, terminal block
Battery	Type	Sealed lead battery, life expectancy 4-5 years (ambient temperature 20°C)		Sealed lead battery, life expectancy 5 years (ambient temperature 25°C)		
Dimensions (W × D × H mm)		145 × 395 × 224	213 × 537 × 432	430 × 660 × 88 (2U)		430 × 700 × 132 (3U)
Weight of unit		Approx. 15.5 kg	Approx. 35 kg	Approx. 28 kg	Approx. 33 kg	Approx. 61 kg
Operating environment temperature/humidity		0 to 40°C, 25 to 85%RH with no condensation		0 to 40°C, 25 to 85%RH with no condensation		
Safety standard compliance		CE/RoHS compliance		UL1778/CE/RoHS compliance		
Serial communication (RS-232C) (interface)		Yes (D-sub 9pin)		Yes (D-sub 9pin)		
Serial communication (USB) (interface)		Yes (B connector)		-		
I/O signal (interface)		Yes (D-sub 9pin)(For PNP output, replace a card to "SC08" included in a package box)		Yes (D-sub 9pin) (Need an optional card, "SC08G" for PNP output)		

### Backup time table(Time unit: minutes)

Model	20W	50W	100W	200W	300W	400W	600W	800W	1000W	1200W	1400W	1600W	1800W	2000W	2300W
BU3002SWG	360	250	170	92	58	46	30	20	15	12	10	8	7	5,5	5(2100W)
BU1002SWG	180	120	60	35	20	15	7	5(700W)							

Model	20W	50W	100W	200W	300W	400W	600W	800W	1000W	1200W	1400W	1600W	1800W	2000W	2300W	2700W	3000W	3300W	3500W
BU5002RWLG	660	480	320	200	140	106	68	50	39	31	25	21	18	16	15(2100W)	10	8	7	5
BU3002RWLG	450	260	165	93	63	45	28	19	15	11	9	7,5	6	5,2	5(2100W)				
BU2002RWLG	360	190	110	60	39	27	16	12	9,5	7	5								

For ordering or information, please consult us:

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