At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. HERE

The standard book type power supply

The standard S8VK-G Pro line is our "install and forget" option, offering longer lifetime, higher protection and more features.The S8VK-G offers a wide product range (from 15 up to 480 W), in a very compact package. There are models available for 5, 12, 24 and 48 VDC output voltage. DC input (90 to 350 VDC) is also available through the whole range.

- Wide operating temperature range (–40 to 70°C) that guarantees stable operation
- Double set of DC output terminals (three for the negative) provide easy wiring
- High efficiency 90% to reduce the energy consumption
- Power boost functionality (120%) for the right start of the application
- Improved DIN-rail mounting clip provides a better resistance to vibrations and allows easy installation (using one hand to mount in a flash)

Ordering information

Type	Power ratings	Input voltage	Output voltage	Output current	Size (W × H × D) [mm]	Order code
Power supply Single-phase	15 W	100 to 240 VAC Allowable range: 85 to 264 VAC, 90 to 350 VDC, 2 phases less than 240 VAC	5 V	3 A	22.5 × 90 × 90	S8VK-G01505
			12 V	1.2 A		S8VK-G01512
			24 V	0.65 A		S8VK-G01524
	30 W		5 V	5 A	32 × 90 × 90	S8VK-G03005
			12 V	2.5 A		S8VK-G03012
			24 V	1.3 A		S8VK-G03024
	60 W		12 V	4.5 A	32 × 90 × 110	S8VK-G06012
			24 V	2.5 A		S8VK-G06024
	120 W		24 V	5 A	40 × 125 × 113	S8VK-G12024
	240 W		24 V	10 A	60 × 125 × 140	S8VK-G24024
			48 V	5 A		S8VK-G24048
	480 W		24 V	20 A	95 × 125 × 140	S8VK-G48024
			48 V	10 A		S8VK-G48048

Specifications

Item		15 W	30 W	60 W	120 W	240 W	480 W
Efficiency (Typ. at 230 VAC)		80% (24 V)	86% (24 V)	88% (24 V)	89% (24 V)	92% (24 V)	93% (24 V)
Input	Rated input voltage	100 to 240 VAC					
	Allowable range	85 to 264 VAC, 90 to 350 VDC. 2 phases less than 240 VAC					
Output	Voltage adjustment range (with V.ADJ)	–10% to 15%					
	Input variation influence	0.5% max. (at 85 to 264 VAC input, 100% load)					
	Load variation Influence	3.0% max. (5 V), 2.0% max. (12 V), 1.5% max. (24, 48 V), at 0% to 100% load					
	Temperature variation influence	0.05%/°C max.					
Overload protection		Yes, 130% of rated current typ.					
Power Boost		120% of rated current					
Overvoltage protection		Yes					
Operating ambient temperature		–40 to 70°C (–40 to 158°F)					
Series operation		Yes, up to 2 units					
Parallel operation		Yes, up to 2 units					
EMI		Conforms to EN 61204-3, EN 55011 Class B					
EMS		Conforms to EN 61204-3 high severity levels					
Harmonic current emissions		Conforms to EN 61000-3-2					
Approved standards		UL: UL 508 (Listing), UL 60950-1, cUL: CSA C22.2 No. 107.1 and No. 60950-1, UL 1310 Class 2 output for 15 W, 30 W, 60 W EN/VDE: EN 50178 (=VDE0160), EN 60950-1 (=VDE0805), Lloyd's Register					
Fulfilled standards		SELV (EN 60950-1/EN 50178/UL 60950-1), PELV(EN 60204-1,EN 50178), Safety of power transformers (EN 61558-2-16), EN 50274 for terminal parts					
Degree of protection		IP20 by EN/IEC 60529					

Automatización Eléctrica
Especialistas en Automatización

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, click on the green button.

Product	Code	Reference	Product link
Power & Power Supply 15W / 5V / 3A DIN rail	374164	S8VK-G01505	Buy on EAN
Power Supplies, Power supply 15W / 12V / 1.2A DIN rail	374165	S8VK-G01512	Buy on EAN
Power Supplies, Power supply 15W / 24V / 0,65A DIN rail	374166	S8VK-G01524	Buy on EAN
Power & Power Supply 30W / 5V / 5A DIN rail	374167	S8VK-G03005	Buy on EAN
Power Supplies, Power supply 30W / 12V / 2.5A DIN rail	374168	S8VK-G03012	Buy on EAN
Power Supplies, Power supply 30W / 24V / 1.3A DIN rail	374169	S8VK-G03024	Buy on EAN
Power Supplies, Power supply 60W / 12V / 4.5A DIN rail	374170	S8VK-G06012	Buy on EAN
Power Supplies, Power supply 60W / 24V / 2.5A DIN rail	374171	S8VK-G06024	Buy on EAN
Power & Power Supply 120W / 24V / 5A DIN rail	374869	S8VK-G12024	Buy on EAN
Power & Power Supply 240W / 24V / 10A DIN rail	374870	S8VK-G24024	Buy on EAN
Power & Power Supply 240W / 48V / 5A DIN rail	374871	S8VK-G24048	Buy on EAN
Power & Power Supply 480W / 24V / 20A DIN rail	374872	S8VK-G48024	Buy on EAN
Power & Power Supply 480W / 48V / 10A DIN rail	374873	S8VK-G48048	Buy on EAN