

Switch Mode Power Supply

S8VK-G (15/30/60/120/240/480-W Models)**Reliable and Easy Operation-Worldwide Power Supply****Resistant in tough environments****Easy and fast installation****The most compact class on the market**

- Universal input for worldwide applications:
100 to 240 VAC (85 to 264 VAC)
- DC input can be available: 90 to 350 VDC
- Possible for 2 phases input usage.
- Wide operation temperature range: -40 to 70 °C
- Power Boost function at 120%
- Safety standards:
UL 508/60950-1, CSA C22.2 No. 107.1/60950-1
ANSI/ISA 12.12.01
EN 50178, EN 60950-1.
Lloyd's standards, EN 60204-1 PELV
Safety of Power Transformers: EN 61558-2-16
- 15-W,30-W, and 60-W models conform to
UL Class 2 output Standards
- EMS: EN 61204-3
EMI: EN 61204-3 Class B
- RoHS Compliant



Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 17.

S8VK-G

Model Number Structure

Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models in Ordering Information*, below.

S8VK-
 1 2 3

1. Input voltage types

G: Single phase

2. Power Ratings

015: 15 W
 030: 30 W
 060: 60 W
 120: 120 W
 240: 240 W
 480: 480 W

3. Output voltage

05: 5 V
 12: 12 V
 24: 24 V
 48: 48 V

Ordering Information

Note: For details on normal stock models, contact your nearest OMRON representative.

Power ratings	Input voltage	Output Voltage	Output current	Boost Current	Model number
15 W	Single phase 100 to 240 VAC 90 to 350 VDC	5 V	3 A	3.6 A	S8VK-G01505
		12 V	1.2 A	1.44 A	S8VK-G01512
		24 V	0.65 A	0.78 A	S8VK-G01524
30 W		5 V	5 A	6 A	S8VK-G03005
		12 V	2.5 A	3 A	S8VK-G03012
		24 V	1.3 A	1.56 A	S8VK-G03024
60 W		12 V	4.5 A	5.4 A	S8VK-G06012
		24 V	2.5 A	3 A	S8VK-G06024
120 W		24 V	5 A	6 A	S8VK-G12024
240 W		24 V	10 A	12 A	S8VK-G24024
		48 V	5 A	6 A	S8VK-G24048
480 W		24 V	20 A	24 A	S8VK-G48024
	48 V	10 A	12 A	S8VK-G48048	