

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-phase input usage.
- Wide operation temperature range: -40 to 70 °C
- Power Boost function at 120%
- Safety standards:
UL508/60950-1, CSA C22.2 No. 107.1/60950-1
EN50178, EN60950-1.
Lloyd's standards, EN60204-1 PELV
Safety of Power Transformers: EN61558-2-16
- ANSI/ISA 12.12.01 (excluding 480-W models)
- CSA C22.2 No.213 (excluding 480-W models)
- 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
- Three years Warranty *1

*1. Refer to *Period and Terms of Warranty* on page 22.



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 4

1. Input voltage type

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

4. Option

None: Standard model
400: Coating

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