

Switch Mode Power Supply


S8VK-T (120/240/480/960 W Models)

Worldwide 3-phase Power Supply
Resistant in tough environments
Easy and fast installation
The most compact class on the market

- Wide input range for worldwide applications:
380 to 480 VAC (320 to 576 VAC)
- Possible for 2-phase input usage*:
380 to 480 VAC (340 to 576 VAC)
*When using the 960 W at 2-phase input, the power rating is 768 W.
- DC input can be available*:
450 to 600 VDC (450 to 810 VDC)
*Excluding 960 W
- High efficiency 91% typ. at 480 W model
- Wide operation temperature range: -40 to 70°C
- Power Boost function at 120%
- Meets LR maritime standards
- EMS: Conforms to EN 61204-3
EMI: EN61204-3 Class B
- RoHS Compliant
- Three years Warranty

Note: Three years warranty conditions: Rated input voltage, 80% load,
Ambient operating temperature: 40°C, Standard mounting



 Refer to *Safety Precautions for All Power Supplies and Safety Precautions* on page 13.

Related Products

DC Electronic Circuit Protector S8V-CP



Note: Refer to the S8V-CP Datasheet (Cat. No. T226-E1)
for details.

S8VK-T

Model Number Structure

Model Number Legend

S8VK-T□□□□□□
 1 2

1. Power Ratings

120: 120 W
240: 240 W
480: 480 W
960: 960 W

2. Output voltage

24: 24 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
120 W	2-phase and 3-phase 380 to 480 VAC 450 to 600 VDC	24 V	5 A	6 A	S8VK-T12024
240 W		24 V	10 A	12 A	S8VK-T24024
480 W		24 V	20 A	24 A	S8VK-T48024
960 W	3-phase 380 to 480 VAC	24 V	40 A	48 A	S8VK-T96024
	2-phase 380 to 480 VAC	24 V	32 A	-	