

Switch Mode Power Supply (240/480/960-W Models) S8VK-WA

New Three-phase 200-V Power Supplies

A solution to the problem of phase imbalance

required in the semiconductor and FPD industries

Supports quick identification of error locations with three LEDs

Enables the start of high-capacity load at 150% peak current



- Can be operated with three-phase / single-phase / DC input
- Equipped with signal output for monitoring output voltage/ current (MOS FET relay)
- Can operate at an ambient temperature of -40 to +70°C *1
- Side-by-side Mounting enabled (up to 55°C) *2
- Complies with SEMI F47-0706 standard (three-phase / single-phase 200 to 240 VAC input)
- UL 121201 acquired
- Certification for 3,000 m altitude (UL/EN/IEC 62368-1/EN 50178/EN 62477-1) *1
- Complies with EN/IEC 61558-2-16
- Coated PCBs for Better Resistance to Environment
- Warranty: Five years *3



Refer to *Safety Precautions* on page 12.

*1. For details, refer to *Derating Curves* on page 9.

*2. Refer to the Front, Side-by-side mounting on page 12.

*3. For details, refer to *Warranty and Limitations of Liability* on page 19.

Lineup

Output voltage	Power rating		
	240 W	480 W	960 W
24 V	Released	Released	Released

Model Number Structure

Model Number Legend Not all combinations are possible. Refer to List of Models in Ordering Information, below.

S8VK-WA
Series name (1) (2) (3)

(1) Rated input voltage

Code	Rated input voltage
A	200 to 240 VAC

(2) Power rating

Code	Power rating
240	240 W
480	480 W
960	960 W

(3) Output voltage

Code	Output voltage
24	24 V

S8VK-WA

Ordering Information

List of Models

Power rating	Rated input voltage	Rated output voltage	Rated output current	Maximum boost current	Model
240 W	Three-phase / single-phase 200 to 240 VAC (Allowable range: Three-phase / single-phase 170 to 264 VAC, 240 to 350 VDC)	24 V	10 A	15 A	S8VK-WA24024
480 W		24 V	20 A	30 A	S8VK-WA48024
960 W		24 V	40 A	60 A	S8VK-WA96024

Mounting Brackets (Order Separately)

Product name	Model
Front Mounting Bracket (for 240 W)	S82Y-VKW20F
Front Mounting Bracket (for 480 W)	S82Y-VKW40F
Front Mounting Bracket (for 960 W)	S82Y-VKW90F

DIN Rail Mounting Parts (Order Separately)

Part name	Model
Support Rail (Aluminum)	PFP-100N
	PFP-50N
	PFP-100N2
End Plate	PFP-M