

60/90/120/180/240/480-W Models

Improved Versions of Standard-type Power Supplies without Indication Monitor (60 to 240 W). EMI Class B Compliant.



- New 90-W models that conform to UL Class 2 standards.
- New models with screwless terminal blocks and without indication monitor (except that 480-W models have an indication monitor).
- Status displayed on 3-digit, 7-segment display.
- Safety standards:
 - UL508/60950-1,
 - CSA C22.2 No. 14/60950-1 (15-W, 30-W, 60-W to 240-W models with Indication monitor),
 - CSA C22.2 No. 107.1/60950-1 (60-W to 240-W standard, 480-W models),
 - EN 50178 (= VDE0160),
 - EN 60950-1 (= VDE0805 Teil 1)
- Compact: 150 × 115 × 127.2 mm (W × H × D) (480-W models).

15/30-W Models

Compact, Thin Power Supplies That Mount Just About Anywhere to Contribute to Control Panel Downsizing



- Compact and thin: 22.5 × 85 × 96.5 mm (W × H × D).
- Three mounting directions (standard, horizontal, facing horizontal).
- Mounting directly to the panel is possible.
- Safety standards:
 - UL508/60950-1/1604, cUL: CSA C22.2 No. 14/60950-1/213,
 - EN50178 (= VDE0160), EN60950-1 (= VDE0805 Teil 1).

Features Common to All Models

- Mount to DIN Rail.
- Complies with SEMI F47-0200 (200-VAC input).
- RoHS-compliant.

Model Number Structure

Model Number Legend

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

S8VS- **-**

1 2 3 4 5 6

1. Power Ratings

015: 15 W
 030: 30 W
 060: 60 W
 090: 90 W
 120: 120 W
 180: 180 W
 240: 240 W
 480: 480 W

2. Output voltage

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

3. Indication monitor

None: Without indication monitor (standard model)
 A: With indication monitor (maintenance forecast monitor)
 B: With indication monitor (total run time monitor)

4. Alarm output

None: Sinking *
 P: Sourcing

Note: No alarm output possible with 60-W models.

* Both sinking and sourcing outputs are available for 480-W models.

5. UL Class 2 Standards

None: Does not conform. *
 S: Conforms.

* 15-W, 30-W, and 60-W models conform to Class 2 standards.

6. Terminal Block Form

None: Screw terminal block
 F: Screwless terminal block

Ordering Information

List of Models

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

Models without Indication Monitor (Standard Models)

Power ratings	Input voltage	Output voltage	Output current	Model number (screw terminal block)	Model number (screwless terminal block)
15 W	100 to 240 VAC	5 V	2.0 A	S8VS-01505 *1	---
		12 V	1.2 A	S8VS-01512	
		24 V	0.65 A	S8VS-01524	
30 W		5 V	4.0 A	S8VS-03005 *2	
		12 V	2.5 A	S8VS-03012	
		24 V	1.3 A	S8VS-03024	
60 W		24 V	2.5 A	S8VS-06024	S8VS-06024-F
90 W				3.75 A	S8VS-09024
			S8VS-09024S		S8VS-09024S-F
120 W			5 A	S8VS-12024	S8VS-12024-F
180 W			7.5 A	S8VS-18024	S8VS-18024-F
240 W			10 A	S8VS-24024	S8VS-24024-F
480 W	20 A Peak current 30 A (200 VAC)		S8VS-48024	S8VS-48024-F	

*1. The output capacity of the S8VS-01505 is 10 W.

*2. The output capacity of the S8VS-03005 is 20 W.

Models with Indication Monitor (Maintenance Forecast Monitor)

Power ratings	Input voltage	Output voltage	Output current	Alarm output	Model number (screw terminal block)	Model number (screwless terminal block)
60 W	100 to 240 VAC	24 V	2.5 A	---	S8VS-06024A	---
90 W				Sinking	S8VS-09024A	
			Sourcing	S8VS-09024AP		
120 W			5 A	Sinking	S8VS-12024A	
				Sourcing	S8VS-12024AP	
180 W			7.5 A	Sinking	S8VS-18024A	
				Sourcing	S8VS-18024AP	
240 W			10 A	Sinking	S8VS-24024A	
				Sourcing	S8VS-24024AP	
480 W			20 A Peak current 30 A (200 VAC)	Sinking/ sourcing	S8VS-48024A	

Models with Indication Monitor (Total Run Time Monitor)

Power ratings	Input voltage	Output voltage	Output current	Alarm output	Model number (screw terminal block)	Model number (screwless terminal block)
60 W	100 to 240 VAC	24 V	2.5 A	---	S8VS-06024B	---
90 W				Sinking	S8VS-09024B	
			Sourcing	S8VS-09024BP		
120 W			5 A	Sinking	S8VS-12024B	
				Sourcing	S8VS-12024BP	
180 W			7.5 A	Sinking	S8VS-18024B	
				Sourcing	S8VS-18024BP	
240 W			10 A	Sinking	S8VS-24024B	
				Sourcing	S8VS-24024BP	
480 W			20 A Peak current 30 A (200 VAC)	Sinking/ sourcing	S8VS-48024B	

Note: Refer to pages 27 to 28 for the options that available.