

Switch Mode Power Supply

S8VS (15/30/60/90/120/180/240/480-W Models)**60/90/120/180/240/480-W Models**

New Models with Indication Monitor and Simple Functions for Easy System Commissioning

- New 90-W models with indication monitor that conform to UL Class 2 Output standards.
- New models with screwless terminal blocks and indication monitor.
- Status displayed on 3-digit, 7-segment display.
- Safety standards:
 - UL 508/60950-1,
 - CSA C22.2 No. 107.1/60950-1
 - EN 50178 (= VDE 0160)
 - EN 60950-1 (= VDE 0805 Teil 1)
- Input conditions: DC input is also possible from 80 to 370 VDC (Not compliant with EC Directives and other safety standards.)



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

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:
 - UL 508/60950-1,
 - CSA C22.2 No.107.1/60950-1,
 - EN 50178 (= VDE 0160),
 - EN 60950-1 (= VDE 0805 Teil 1)
- Input conditions: DC input is also possible from 80 to 370 VDC (Not compliant with EC Directives and other safety standards.)



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Features Common to All Models

- Mount to DIN Rail.
- Complies with SEMI F47-0706 (200-VAC input).
- RoHS-compliant.

 Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 32.

S8VS

Model Number Structure

Model Number Legend

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

S8VS-

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1	2	3	4	5	6
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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)
BE: With indication monitor but without alarm output (total run time monitor)

4. Alarm output

None: Sinking (Emitter COM) *
P: Sourcing (Collector COM)

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

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

5. UL Class 2 Output Standards (UL 1310)

None: Does not conform. *
S: Conforms.

* 15-W, 30-W, and 60-W models conform to Class 2 output standards (UL 1310).

Note: The S option is available only for 90-W models.

6. Terminal Block Form

None: Screw terminal block
F: Screwless terminal block

Note: Estimates can be provided for coatings and other specifications that are not given in the datasheet. Ask your OMRON representative for details.