Switching Power Supply
S8VS (15/30/60/90/120/180/240-W Models)

Wide Range of DIN-Rail Mount Micro Power Supplies with LED Display

- 3-digit, 7-segment LED display shows status at a glance for output voltage, output current, peak current, lifetime years, and run time hours.
- Incorporates a maintenance forecast monitor that displays the remaining life of the power supply, displayed in years.
- Run-time monitor model displays how long the output has been on, displayed in thousands of hours.
- 15 and 30 W models have 22.5 mm width, which saves panel space.
- 60, 90, 120, 180 and 240 W models have LED Displays.
- 90, 120, 180 and 240 W LED models have two outputs; one for undervoltage output and one for either the lifetime monitor or run-time monitor.
- All models are Lead-free.

Approvals

- 15 and 30 W models
  cULus, UL508 listed, Class 2 output, Class I Division 2
- 60 W model
  cULus, UL508 listed, Class 2 output, SEMI F47
- 90, 120, 180 and 240 W models
  cULus, UL508 listed
- All models are CE marked.

Warranty

- All models have a 3-year warranty.

Model Number Structure

■ Model Number Legend

S8VS- □□□□□□
1 2 3

1. Power Ratings
015: 15 W
030: 30 W
060: 60 W
090: 90 W
120: 120 W
180: 180 W
240: 240 W

2. Output voltage
05: 5 V
12: 12 V
24: 24 V

3. Configuration

15-W, 30-W Models
None: Standard (No Display)

60-W Models
None: Standard (No Display)
A: With maintenance forecast monitor
B: With total run time monitor

90-W, 120-W, 180-W, 240-W Models
None: Standard (No Display)
A: With maintenance forecast monitor and undervoltage alarm (transistor (sinking))
B: With total run time monitor and undervoltage alarm (transistor (sinking))
AP: With maintenance forecast monitor and undervoltage alarm (transistor (sourcing))
BP: With total run time monitor and undervoltage alarm (transistor (sourcing))

Ordering Information

Stock Note: Shaded models are normally stocked.

Power ratings	Input voltage	Output voltage	Output current	Alarm output	Model number
15 W	100 to 240 VAC	5 V	2.0 A	---	**S8VS-01505 (See note 1.)**
		12 V	1.2 A		**S8VS-01512**
		24 V	0.65 A		**S8VS-01524**
30 W		5 V	4.0 A	---	**S8VS-03005 (See note 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-06024A
					S8VS-06024B
90 W			3.75 A	---	**S8VS-09024**
				Sinking	**S8VS-09024A**
				Sourcing	**S8VS-09024AP**
				Sinking	**S8VS-09024B**
				Sourcing	**S8VS-09024BP**
120 W			5 A	---	**S8VS-12024**
				Sinking	**S8VS-12024A**
				Sourcing	**S8VS-12024AP**
				Sinking	**S8VS-12024B**
				Sourcing	**S8VS-12024BP**
180 W			7.5 A	---	**S8VS-18024**
				Sinking	**S8VS-18024A**
				Sourcing	**S8VS-18024AP**
				Sinking	**S8VS-18024B**
				Sourcing	**S8VS-18024BP**
240 W			10 A	---	**S8VS-24024**
				Sinking	**S8VS-24024A**
				Sourcing	**S8VS-24024AP**
				Sinking	**S8VS-24024B**
				Sourcing	**S8VS-24024BP**

Note: 1. The output capacity of the S8VS-01505 is 10 W.
2. The output capacity of the S8VS-03005 is 20 W.
3. Optional mounting brackets are shown on page 21.