

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-

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 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.