

# 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	24 V	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	
180 W		7.5 A	---		S8VS-18024	
				Sinking	S8VS-18024A	
				Sourcing	S8VS-18024AP	
				Sinking	S8VS-18024B	
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.