

Power Supply Featuring OMRON's Unique, New Undervoltage Alarm Function with Compact Body Contributing to Machine Downsizing

- New undervoltage alarm function assists in determining causes of errors (S8VM-□□□24A□/P□ only).
- Power failure alarm function provides notification of output voltage errors (300-, 600-, and 1,500-W models only).
- Broad range of possibilities with 8 capacities and 29 models to choose from.
- RoHS-compliant
- New, attentive design prevents screws from falling out of terminal block (except for output terminals of 300-, 600-, and 1,500-W models).
- Finger protection prevents electric shock.
- DIN Rail mounting.
- Safety standards: UL508/60950-1, CSA C22.2 No. 14/No. 60950-1, EN50178, EN60950-1 (The 300-, 600-, and 1,500-W models will not conform to safety standards if the customer replaces the fan.)
- Conforms to SEMI F47-0200 (when 200-V input is used).
- Harmonic current emissions: Conforms to EN61000-3-2 (except for 15- and 30-W models).



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

Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 34.

Model Number Structure

■ Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models* in *Ordering Information* on page 2.

S8VM- □ □ □ □ □ □
 1 2 3 4

1. Power Ratings

015: 15 W
030: 30 W
050: 50 W
100: 100 W
150: 150 W
300: 300 W
600: 600 W
152: 1,500 W

2. Output Voltage

05: 5 V
12: 12 V
15: 15 V
24: 24 V

3. Configuration/Functions

None:	Open-frame type	Standard type
C:	Covered type	Standard type
A:	Covered type	Undervoltage alarm type (Sinking (emitter COM)) (See note 2.)
P:	Covered type	Undervoltage alarm type (Sourcing (collector COM)) (See note 2.)

4. Configuration

None:	Bottom mounting type (See note 3.)
D:	DIN Rail mounting bracket type

Note: 1. A forced-air cooling method with a fan is used with 300-, 600-, and 1,500-W models.

2. The housing and terminal of the connector for the undervoltage alarm output are provided with the S8VM-05024A□/P□, S8VM-10024A□/P□ and S8VM-15024A□/P□.

3. Bottom mounting models cannot be used for front mounting. For a front mounting configuration, use a DIN Rail Mounting Bracket model or Mounting Brackets (sold separately).

Ordering Information

List of Models

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

Covered type



Configuration	Power ratings	Output voltage	Output current	Model
DIN Rail mounting bracket	15 W	5 V	3 A	S8VM-01505CD
		12 V	1.3 A	S8VM-01512CD
		15 V	1 A	S8VM-01515CD
		24 V	0.65 A	S8VM-01524CD
	30 W	5 V	6 A	S8VM-03005CD
		12 V	2.5 A	S8VM-03012CD
		15 V	2 A	S8VM-03015CD
		24 V	1.3 A	S8VM-03024CD
	50 W	5 V	10 A	S8VM-05005CD
		12 V	4.3 A	S8VM-05012CD
		15 V	3.5 A	S8VM-05015CD
		24 V	2.2 A	S8VM-05024CD
	100 W	5 V	20 A	S8VM-10005CD
		12 V	8.5 A	S8VM-10012CD
		15 V	7 A	S8VM-10015CD
		24 V	4.5 A	S8VM-10024CD
	150 W	5 V	27 A	S8VM-15005CD (See note 1.)
		12 V	12.5 A	S8VM-15012CD
		15 V	10 A	S8VM-15015CD
		24 V	6.5 A	S8VM-15024CD
Bottom mounting (The 300-, 600-, and 1,500-W models use a forced cooling method with built-in fans.)	15 W	5 V	3 A	S8VM-01505C
		12 V	1.3 A	S8VM-01512C
		15 V	1 A	S8VM-01515C
		24 V	0.65 A	S8VM-01524C
	30 W	5 V	6 A	S8VM-03005C
		12 V	2.5 A	S8VM-03012C
		15 V	2 A	S8VM-03015C
		24 V	1.3 A	S8VM-03024C
	50 W	5 V	10 A	S8VM-05005C
		12 V	4.3 A	S8VM-05012C
		15 V	3.5 A	S8VM-05015C
		24 V	2.2 A	S8VM-05024C
	100 W	5 V	20 A	S8VM-10005C
		12 V	8.5 A	S8VM-10012C
		15 V	7 A	S8VM-10015C
		24 V	4.5 A	S8VM-10024C
	150 W	5 V	27 A	S8VM-15005C (See note 1.)
		12 V	12.5 A	S8VM-15012C
		15 V	10 A	S8VM-15015C
		24 V	6.5 A	S8VM-15024C
	300 W	5 V	60 A	S8VM-30005C
		12 V	27 A	S8VM-30012C
		15 V	22 A	S8VM-30015C
		24 V	14 A Peak current: 16.5 A (200 VAC)	S8VM-30024C
	600 W	5 V	120 A	S8VM-60005C
		12 V	53 A	S8VM-60012C
		15 V	43 A	S8VM-60015C
		24 V	27 A Peak current: 31 A (200 VAC)	S8VM-60024C
	1,500 W	24 V	65 A (100 VAC) 70 A (200 VAC) Peak current: 105 A (200 VAC)	S8VM-15224C (See note 2.)

- Note:**
1. The output capacity of the S8VM-15005□□ is 135 W.
 2. M8 bolts and nuts for the output terminals are not included with the S8VM-15224C.
 3. To perform front mounting using the bottom mounting models, use the Mounting Brackets (S82Y-VM□□F, sold separately).
 4. The input voltage is 100 to 240 VAC for all models.