

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: UL508/60950-1/1604, CSA C22.2 No. 14/No. 60950-1/No. 213, 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).



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

**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.

Configuration	Power ratings	Input voltage	Output voltage	Output current	Bottom mounting			DIN Rail mounting bracket		
					Standard model	Undervoltage alarm model		Standard model	Undervoltage alarm model	
						Sinking	Sourcing		Sinking	Sourcing
Open-frame type	15 W	100 to 240 VAC	5 V	3 A	S8VM-01505	---	---	S8VM-01505D	---	---
			12 V	1.3 A	S8VM-01512	---	---	S8VM-01512D	---	---
			15 V	1 A	S8VM-01515	---	---	S8VM-01515D	---	---
			24 V	0.65 A	S8VM-01524	---	---	S8VM-01524D	---	---
	30 W		5 V	6 A	S8VM-03005	---	---	S8VM-03005D	---	---
			12 V	2.5 A	S8VM-03012	---	---	S8VM-03012D	---	---
			15 V	2 A	S8VM-03015	---	---	S8VM-03015D	---	---
			24 V	1.3 A	S8VM-03024	---	---	S8VM-03024D	---	---
	50 W		5 V	10 A	S8VM-05005	---	---	S8VM-05005D	---	---
			12 V	4.3 A	S8VM-05012	---	---	S8VM-05012D	---	---
			15 V	3.5 A	S8VM-05015	---	---	S8VM-05015D	---	---
			24 V	2.2 A	S8VM-05024	---	---	S8VM-05024D	---	---
	100 W		5 V	20 A	S8VM-10005	---	---	S8VM-10005D	---	---
			12 V	8.5 A	S8VM-10012	---	---	S8VM-10012D	---	---
			15 V	7 A	S8VM-10015	---	---	S8VM-10015D	---	---
			24 V	4.5 A	S8VM-10024	---	---	S8VM-10024D	---	---
	150 W	5 V	27 A	S8VM-15005 (See note 2.)	---	---	S8VM-15005D (See note 2.)	---	---	
		12 V	12.5 A	S8VM-15012	---	---	S8VM-15012D	---	---	
		15 V	10 A	S8VM-15015	---	---	S8VM-15015D	---	---	
		24 V	6.5 A (See note 6.)	S8VM-15024	---	---	S8VM-15024D	---	---	
Covered type	15 W	100 to 240 VAC	5 V	3 A	S8VM-01505C	---	---	S8VM-01505CD	---	---
			12 V	1.3 A	S8VM-01512C	---	---	S8VM-01512CD	---	---
			15 V	1 A	S8VM-01515C	---	---	S8VM-01515CD	---	---
			24 V	0.65 A	S8VM-01524C	S8VM-01524A (See note 1.)	S8VM-01524CD	S8VM-01524AD (See note 1.)	---	
	30 W		5 V	6 A	S8VM-03005C	---	---	S8VM-03005CD	---	---
			12 V	2.5 A	S8VM-03012C	---	---	S8VM-03012CD	---	---
			15 V	2 A	S8VM-03015C	---	---	S8VM-03015CD	---	---
			24 V	1.3 A	S8VM-03024C	S8VM-03024A (See note 1.)	S8VM-03024CD	S8VM-03024AD (See note 1.)	---	
	50 W		5 V	10 A	S8VM-05005C	---	---	S8VM-05005CD	---	---
			12 V	4.3 A	S8VM-05012C	---	---	S8VM-05012CD	---	---
			15 V	3.5 A	S8VM-05015C	---	---	S8VM-05015CD	---	---
			24 V	2.2 A	S8VM-05024C	S8VM-05024A	S8VM-05024P	S8VM-05024AD	S8VM-05024PD	
	100 W		5 V	20 A	S8VM-10005C	---	---	S8VM-10005CD	---	---
			12 V	8.5 A	S8VM-10012C	---	---	S8VM-10012CD	---	---
			15 V	7 A	S8VM-10015C	---	---	S8VM-10015CD	---	---
			24 V	4.5 A	S8VM-10024C	S8VM-10024A	S8VM-10024P	S8VM-10024AD	S8VM-10024PD	
	150 W		5 V	27 A	S8VM-15005C (See note 2.)	---	---	S8VM-15005CD (See note 2.)	---	---
			12 V	12.5 A	S8VM-15012C	---	---	S8VM-15012CD	---	---
			15 V	10 A	S8VM-15015C	---	---	S8VM-15015CD	---	---
			24 V	6.5 A (See note 6.)	S8VM-15024C	S8VM-15024A	S8VM-15024P	S8VM-15024CD	S8VM-15024AD	S8VM-15024PD
	300 W (See note 4.)	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 (See note 4.)	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 (See note 4.)	24 V	65 A (100 VAC) 70 A (200 VAC) Peak current: 105 A (200 VAC)	S8VM-15224C (See note 3.)	---	---	---	---	---	

Note: 1. No outputs are built into these models.

2. The output capacity of the S8VM-15005□□ is 135 W.

3. M8 bolts and nuts for the output terminals are not included with the S8VM-15224C.

4. The 300-, 600-, and 1,500-W models use a forced cooling method with built-in fans.

5. To perform front mounting using the bottom mounting models, use the Mounting Brackets (S82Y-VM□□F, sold separately).

6. The output current for UL1604 certification is 6.3 A.