

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.

Configura- tion	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-05024CD	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-10024CD	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:**
- No outputs are built into these models.
 - The output capacity of the S8VM-15005□□ is 135 W.
 - M8 bolts and nuts for the output terminals are not included with the S8VM-15224C.
 - The 300-, 600-, and 1,500-W models use a forced cooling method with built-in fans.
 - To perform front mounting using the bottom mounting models, use the Mounting Brackets (S82Y-VM□□F, sold separately).
 - The output current for UL1604 certification is 6.3 A.