

Switch Mode Power Supply

S8VM **《NEW》**

OMRON

A Power Supply with Distinction:
Universal Power Supply Designed with the User in Mind

Distinction in DIN-Rail Mounting

Distinction in Downsizing

Distinction in Undervoltage Alarm Function

(S8VM-□□□24A□ only)

Distinction in Terminal Screws

Distinction in Color Labels

Distinction in Approved Standards

Distinction in RoHS Compliant



5 V / 12 V / 15 V / 24 V - 15 W / 30 W / 50 W / 100 W / 150 W A lineup of 20 models with 5 available capacities

Delivering Total Distinction from Design and Installation

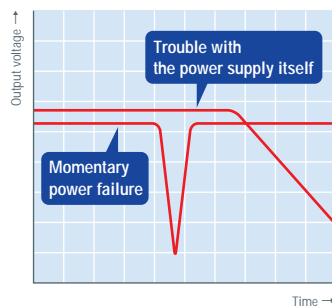
F U L L L I N E - U P



Distinction in Onsite Management

● New Undervoltage Alarm Function (S8VM-□□□24□ only)

Ever experienced sudden machine trouble and found great difficulty in determining the cause? OMRON's unique, new undervoltage alarm function uses the LED display to notify when errors have occurred. This function aids in determining the cause of errors, whether due to momentary power failure, overloads, or output drops at the end of the Power Supply's life.



■ Undervoltage alarm indication for the voltage drop caused by momentary power failure



■ Undervoltage alarm indication for the voltage drop caused by deterioration due to age of power supply

Distinction in Installation Space

● Ultra-compact Design

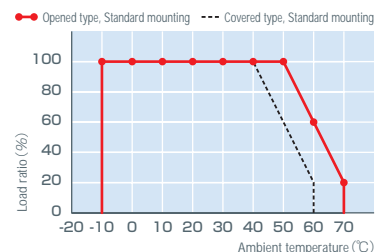
Would you like to easily install in available space in the machine or in handy locations in the control section? To improve machine downsizing and performance, OMRON has utilized unique technology to dramatically reduce the size by 40% (compared with the S8PS 50-W Open-frame Models). As a result, the Power Supply can be installed in narrow spaces.



■ Comparison with the S8PS

● Compatible with High-temperature Environments

There's no need to be anxious about heat generation due to a compact control section. The ultra-compact Power Supply can be used with a load rate of up to 100% even at an ambient temperature of 50°C (using standard mounting for Open-frame Models).



to Onsite Management and Even Disposal

150W **300W** **600W**

S8VM-15005CD

S8VM-15012CD

S8VM-15015CD

S8VM-15024AD

5V
300W

5V
600W

12V
300W

12V
600W

15V
300W

15V
600W

1500W

24V
300W

24V
600W

24V
1500W

Uniform Height of 83 mm

The S8VM Series features a lineup of 20 models with 5 available capacities from 15 W up to 150 W. Models offering 300 W up to 1,500 W will be released in 2006. All variations maintain a uniform height of 83 mm. This Series is compatible with a broad range of applications and makes panel design easy.

Note: Product appearance may differ from the photos shown here.

Distinction in Ease of Use

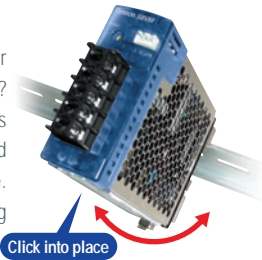
Terminal Screws that Don't Fall Off

Are terminal screws inadvertently falling off during installation? The smaller the control section, the more difficult the installation work becomes. The attentive design of the S8VM in which screws do not fall out of the terminal block significantly improves onsite installation work. Finger protection is also provided to prevent electrical shock.



Simple DIN Rail Mounting

Do you encounter great difficulty in installing the Power Supply or removing it for maintenance due to its depth? As a pioneer in DIN Rails, OMRON has solved this problem. Installation and removal can be performed with just one touch, dramatically reducing work time. Moreover, secure installation is possible without requiring extra mounting brackets, and vibration is not a problem.



Color Labels Providing Identification

Need to eliminate careless mistakes in assembly and when dealing with overseas installations? The S8VM utilizes color labels to enable easily identifying voltages using separate colors. When dealing with overseas installations, confirmation by label color prevents communication misunderstandings that are likely to occur otherwise.



Distinction in Global and Environmental Compatibility

Safety Standards

The S8VM offers prompt compliance for global markets and when transferring equipment overseas. It complies with global safety standards and can be used in a broad range of applications.

Approved Standards		UL508 (Listing) , UL60950-1, UL1604 (Class I/Division2) CSA C22.2 No.14, No.60950-1, No.213 (Class I/Division2) EN50178, EN60950-1
EMC	EMI	Conducted Emission: Conforms to EN61204-3 EN55011 Class B and based on FCC Class B Radiated Emission: Conforms to EN61204-3 EN55011 Class B
	EMS	Conforms to EN61204-3 High severity levels
Others		CE

Zone2 (USA:Class I, Division2) :
Locations that are not subject to the formation of explosive atmospheres under normal conditions, and in which explosive atmospheres exist only for a short period of time even if they are formed.

RoHS Compliant

Meets green procurement provisions in addition to responding to environmental needs. The S8VM has already eliminated the use of the six hazardous chemical substances, including lead. As a result, the S8VM complies with RoHS restrictions to be implemented from July 1, 2006.

Identification Output Voltage

5V	12V	15V	24V
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Complete "Terms and Conditions of Sale" for product purchase and use are on Omron's website at www.omron.com/oei – under the "About Us" tab, in the Legal Matters section.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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