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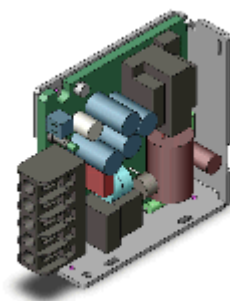
Switch Mode Power Supply (15/30/50/100/150/300/600/1,500-W Models)

English



## S8VM-01505

Open-frame type, Natural air-cooling, Input: 100 to 240 VAC, Power ratings: 15 W, Output: 5 VDC



Image

Power rating	15 W
Rated input voltage	100 to 240 VAC
Output voltage	5 VDC
Heat radiation	Natural air-cooling
Construction	Open-frame type
Mounting type	Bottom-mounting type

[Item list of S8VM](#)

### Series



Switch Mode Power Supply

(15/30/50/100/150/300/600/1,500-W Models)

**S8VM**

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### Ratings / Performance

As of October 10, 2016

Power rating	15 W
Efficiency	75 % Min.
Rated input voltage	100 to 240 VAC
Allowable input voltage variable range	85 to 264 VAC
Frequency	50/60 Hz(47 to 63 Hz Single-phase)
Rated input current	0.5A Max. (At 100 VAC input) 0.25A Max. (At 200 VAC input)
Leakage current	0.4 mA Max. (At 100 VAC input) 0.75 mA Max. (At 200 VAC input)
Inrush current	17.5 A Max. (At 100 VAC input (For cold start at 25 CEL)) 35 A Max. (At 200 VAC input (For cold start at 25 CEL))
Output voltage	5 VDC
Output voltage variable range	-20 to +20 % (With V. ADJ) (The output voltage may increase beyond the allowable voltage range (up to +20% of the rated voltage) depending on the operation of the output voltage adjuster (V.ADJ). When adjusting the output voltage, check the output voltage of the Power Supply and be sure that the load is not damaged.)
Ripple	3.2%(p-p) Max.
Static input variation	0.4% Max. At 85 to 264 VAC input, 100% load

<b>influence</b>	
<b>Static load variation influence</b>	0.8% Max. At rated input, 0 to 100% load
<b>Ambient temperature variation influence</b>	0.02 %/CEL Max. (At rated input/output voltage)
<b>Rated output current</b>	3.0 A
<b>Start up time</b>	1100 ms Max. (At rated input/output voltage)
<b>Hold time</b>	20ms TYP.
<b>Overload protection</b>	105% to 160% of the rated output current Gradual current increase/voltage drop, Intermittent operation, Automatic reset
<b>Overvoltage protection</b>	Operated at 125 to 145 % of the rated output voltage, Shut-off Resetting: Reset the power by turning it back (OFF time: at least 3 min)
<b>Maintenance forecast monitor output</b>	No
<b>Total run time monitor output</b>	No
<b>Undervoltage alarm output</b>	No
<b>Power failure alarm indication</b>	No
<b>Power failure alarm output</b>	No
<b>Parallel operation</b>	No (However, backup operation is possible; external diodes required.)
<b>Series operation</b>	Yes (Up to 2 Power Supplies with external diode)
<b>Remote sensing function</b>	No
<b>Dielectric strength</b>	Between all inputs and all outputs: 3 kVAC for 1 min (Detection current: 20 mA) Between all inputs and PE/FG terminals: 2 kVAC for 1 min (Detection current: 20 mA) Between all outputs and PE/FG terminals: 500 VAC for 1 min (Detection current: 100 mA)
<b>Insulation resistance</b>	Between all outputs and all inputs/ PE/FG terminals: 100 MOhm Min. (at 500 VDC)
<b>Vibration resistance</b>	10 to 55 Hz, 0.375 mm single amplitude in each 3 directions for 2 hours
<b>Shock resistance</b>	150 m/s**2, in each 6 directions 3 times
<b>Output indicator</b>	Yes (color: green)
<b>Heat radiation</b>	Natural air-cooling
<b>Construction</b>	Open-frame type
<b>Mounting type</b>	Bottom-mounting type

<b>Attachment</b>	Instruction manual
<b>Weight (Main)</b>	Approx. 180 g

Do not use the Inverter output for the Power Supply. Inverters with an output frequency of 50/60 Hz are available, but the rise in the internal temperature of the Power Supply may result in ignition or burning.

As of October 10, 2016

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