

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and rounded, with the 'O' being a simple circle. The entire logo is set against a light yellow rectangular background.

Automatización Eléctrica
Especialistas en Automatización

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Compact power supply

The S8VS is our standard industrial din-rail mounted power supply and is built to last forever. Up to 60 W come with a plastic housing, from 120 W the S8VS is built in a strong metal case. The full range provide a very good dimension/output power ratio to optimize panel space uses. The range covers 6 models at 24 VDC with wattage of 15, 30, 60, 120, 240 and 480. The 15 and 30 W are also available in 5 or 12 VDC output voltage. The range withstands high vibration and shocks. The S8VS are fan-less power supplies.

- Wide AC input range from 85 to 264 VAC
- Micro S8VS output power range 15 and 30 W at 5, 12 and 24 VDC
- Micro can mounted, standard DIN-rail, horizontal or facing horizontal any direction is okay
- S8VS models available from 60 to 480 W at 24 VDC, 4 models

Ordering information

Power	Output voltage	Output current	Under-voltage control	Size in mm (HxWxD)	Order code
15 W	5 VDC	2 A (10 W)	yes, red LED	85x22.5x96.4	S8VS-01505
	12 VDC	1.2 A			S8VS-01512
	24 VDC	0.65 A			S8VS-01524
30 W	5 VDC	4 A (20 W)	yes, red LED	85x22.5x96.4	S8VS-03005
	12 VDC	2.5 A			S8VS-03012
	24 VDC	1.3 A			S8VS-03024
60 W	24 VDC	2.5 A	no	95x40x108.3	S8VS-06024
120 W	24 VDC	5 A	no	115x50x121.3	S8VS-12024
240 W	24 VDC	10 A	no	115x100x125.3	S8VS-24024
480 W	24 VDC	20 A	no	115x150x127.2	S8VS-48024

Specifications

Specification	15 W	30 W	60 W	120 W	240 W	480 W
Efficiency	77% min. (24 V)	80% min. (24 V)	78% min.	80% min.	80% min.	83% min.
Power factor	–	–	–	0.95 min.	0.95 min.	0.95 min.
Input voltage	100 to 240 VAC (85 to 264 VAC), single-phase					
Output voltage	Voltage adjustment	±10 to ±15% (with V. ADJ) min.				
	Ripple	2% p-p max. (at rated input/output voltage)				
	Input variation	0.5% max. (at 85 to 264 VAC input, 100% load)				
	Temperature influence	0.05%/°C max.				
Overload protection	105 to 160% of rated load current, voltage drop, automatic reset					
Overvoltage protection	yes	yes	yes	yes	yes	yes
Input current	100 V	0.45 A max.	0.9 A max.	1.7 A max.	1.9 A max.	3.8 A max.
	200 V	0.25 A max.	0.6 A max.	1.0 A max.	1.1 A max.	2.0 A max.
	230 V	0.19 A (5 V: 0.14 A)	0.37 A (5 V: 0.27 A)	0.7 A typ.	0.6 A typ.	1.2 A typ.
Output indicator	yes (green)	yes (green)	yes (green)	yes (green)	yes (green)	yes (green) LED
Weight	160 g	180 g	330 g	550 g	1,150 g	1,700 g max.
Operating temperature	-10 to 60°C					
Series operation	yes (24 V only)	yes	yes	yes	yes	yes

¹ For 30 W model 24 V: No derating, 12 & 5 V: Derating beyond 50°C.

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	125671	G2R-1A-E 5DC	Buy on EAN
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