

# Powerful performance in compact design

Helps reduce cabinet space.



Advanced Industrial Automation

## One of the most efficient power supplies in its class!

At just 22.5mm wide Omron's S8VS Micro series is one of the world's smallest power supplies, but delivers more power per cm<sup>3</sup> than almost any similar product in its class. This super-compact power supply offers flexible mounting (DIN-rail and horizontal or vertical panel mounting) for convenient installation. It provides 100% performance (no derating) right up to its maximum operating temperature. And it is available in 15W and 30W models, each of which offers an output voltage choice of 5VDC, 12VDC and 24VDC.

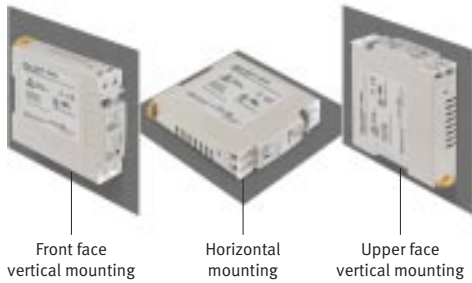
The S8VS Micro also features a DC Low indicator (orange) and DC On indicator (green). It is the ideal solution for manufacturers who want a compact and cost-effective solution for compact machines that require low power. Typical applications include powering PCBs, PLCs, HMIs and sensors in factory automation systems.

## Features at a glance:

- **Compact size**  
At just 22.5mm wide, the S8VS Micro has one of the highest power densities per cm<sup>3</sup> around!
- **No derating**  
Guarantees 100% performance within its rated operational range of -10°C to 60°C.
- **Easy to mount**  
Flexible DIN-rail or direct panel mounting in different directions saves time and space.
- **Full range to choose from!**  
Option of 15W and 30W models, each with a choice in output of 5VDC, 12VDC and 24VDC.

## Ideal for compact machines

The S8VS Micro incorporates innovative metal-frame circuit board technology that enables it to provide a higher power density per cm<sup>3</sup> than almost any other power supply (applies to 30W models only). The discrete components used in this technology dissipate very little heat, so no conventional heat sinks are required. This makes the S8VS Micro ideal for compact machines that require a very reliable power supply, and where space is a premium.



### Flexible mounting

The S8VS Micro can be DIN-rail mounted or mounted directly onto the machine panel with a bracket, either vertically or horizontally, for maximum installation flexibility. And while it is compact, it contains the ideal terminal arrangement for your application.

### No derating, even up to 60°C!

What makes the S8VS Micro unique is that it provides 100% power within its rated operational range of

-10°C to 60°C. This feature enables the power supply to operate well in panels that are located externally and which could be subject to harsh conditions.

### Designed for global use

The S8VS Micro conforms not only to conventional standards (VDE, CE, cULus), but also to EMI Class B, IP20, UL Class 2 and Class I / Division 2. It can therefore be used anywhere in the world.

### Environmentally friendly




Omron's policy of environmental awareness is reflected in these products. The soldering in all of the S8VS Micro models is lead-free.

### Extending the range

The S8VS Micro series extends Omron's popular S8VS range of switch-mode power supplies even further, and covers most market requirements.



### Ordering information

	Type	Power	Input voltage	Output voltage (current)	Alarm output (PNP)	Dimensions (W x H x D)
<b>S8VS Micro</b> 	S8VS-01505	15W	100-240VAC (85-264VAC) 50/60Hz	5VDC (2A) <sup>1</sup>	No	22.5 x 85 x 96.4mm
	S8VS-01512			12VDC (1.2A)	No	
	S8VS-01524			24VDC (0.65A)	No	
	S8VS-03005	30W		5VDC (4A) <sup>2</sup>	No	
	S8VS-03012			12VDC (2.5A)	No	
	S8VS-03024			24VDC (1.3A)	No	
<b>S8VS Basic</b> 	S8VS-06024	60W	24VDC (2.5A)	No	40 x 95 x 108.3mm	
	S8VS-09024	90W	24VDC (3.75A)	No	50 x 115 x 121.3mm	
	S8VS-12024	120W	24VDC (5A)	No	70 x 115 x 125.3mm	
	S8VS-18024	180W	24VDC (7.5A)	No		
	S8VS-24024	240W	24VDC (10A)	No		
<b>S8VS Display</b> 	S8VS-06024A	60W	24VDC (2.5A)	No	40 x 95 x 108.3mm	
	S8VS-06024B		24VDC (2.5A)	No		
	S8VS-09024AP	90W	24VDC (3.75A)	Yes	50 x 115 x 121.3mm	
	S8VS-09024BP		24VDC (3.75A)	Yes		
	S8VS-12024AP	120W	24VDC (5A)	Yes	70 x 115 x 125.3mm	
	S8VS-12024BP		24VDC (5A)	Yes		
	S8VS-18024AP	180W	24VDC (7.5A)	Yes	100 x 115 x 125.3mm	
	S8VS-18024BP		24VDC (7.5A)	Yes		
	S8VS-24024AP	240W	24VDC (10A)	Yes	100 x 115 x 125.3mm	
	S8VS-24024BP		24VDC (10A)	Yes		

AP-type: with maintenance forecast monitor and output status alarm (sourcing).  
BP-type: with total run time monitor and output status alarm (sourcing).

<sup>1</sup> The output capacity of the S8VS-01505 is 10W.  
<sup>2</sup> The output capacity of the S8VS-03005 is 20W.

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