

# Switch Mode Power Supplies

S8FS-G



Power Supplies That Are Ideal for Machine Tools  
and Semiconductor Manufacturing Equipment

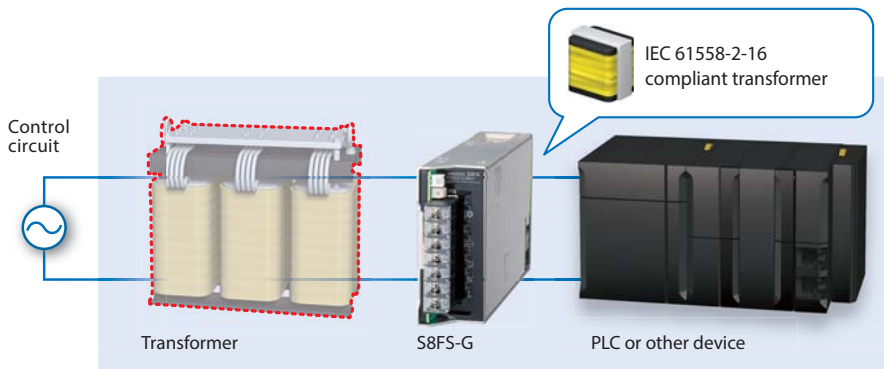
# Power Supplies That Are Ideal for Machine Tools and Semiconductor Manufacturing Equipment



## No Transformers Required for Control Circuits

### Built-in IEC 61558-2-16 Compliant Transformer

An IEC 61558-2-16 compliant transformer is built into the Power Supply to eliminate the need for a transformer with compound windings for control circuits for which IEC 60204-1 Machinery Directive is specified. This helps reduce cost and space requirements.



## Easy Safety Standard Certification

All Normal Stock Models Are UL 508 Listed\*

- 1 Less work is required to prepare data and materials for UL application.
- 2 Connection is possible to devices or equipment outside the control panel.



\*Some optional models are UL recognized. (Excluding models with connectors.)



## Equipment Downsizing

Slim Body of 300-/600-W models



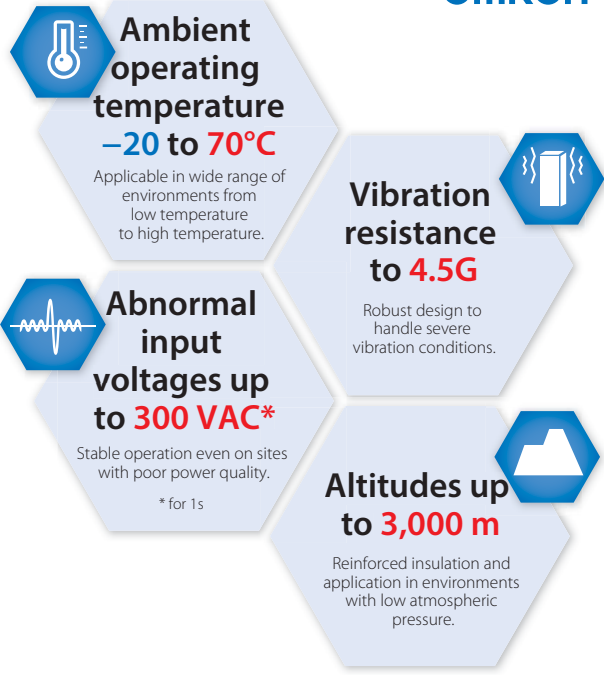
\*1. For 300-W models.

An Ideal Fit

## Stable Operation in a Wide Range of Environments

### Resistance to Environments for Global Application

Stable operation in severe installation environments, such as those with high ambient temperatures and humidity, or large vibration or those with unstable input voltages.



An Ideal Fit

## Prevention of Foreign Matter Ingress and Screw Drop Out

The front cover prevents entry of foreign matter from the front surface.

A removable mechanism that prevents terminal block screws from dropping out is a standard feature.

You can prevent foreign matter ingress and screw drop out that can result in product failure and accidents for worry-free installation and maintenance work.



An Ideal Fit

## Stable, High Quality

75% of all the manufacturing processes have been mechanized. We have also mechanized inspection and confirmation processes.

### Examples of Machine Introduction



# Lineup

		Power rating						
		15 w	30 w	50 w	100 w	150 w	300 w	600 w
Output voltage	5 v						—	—
	12 v							
	15 v							
	24 v							
	48 v	—	—	—	—			

With cover/Direct-mounting type  
 With cover/DIN-Rail mounting type  
 Connector type

Note: The photos show the With cover/Direct-mounting models.

## Certified Standards

- North America: UL 508 (Listing)\*, CSA C22.2
- Europe: Overvoltage category III (EN 62477-1)
- EMI: Class B (EN 61204-3)
- SEMI: Conforms to F47-0706 (200 VAC input)

\* For the certified models, refer to page 4 to 10 of the S8FS-G Switch Model Power Supplies Datasheet (Cat No. T207-E1).

For details, refer to the S8FS-G Switch Mode Power Supplies Datasheet (Cat. No. T207-E1).

Before you place an order, please read and understand "Agreement for Using the Product" available on Omron's latest "Best control devices Omron", "General Brochure" or Omron's website.

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**CSM\_1\_2**  
Cat. No. T208-E1-02

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