

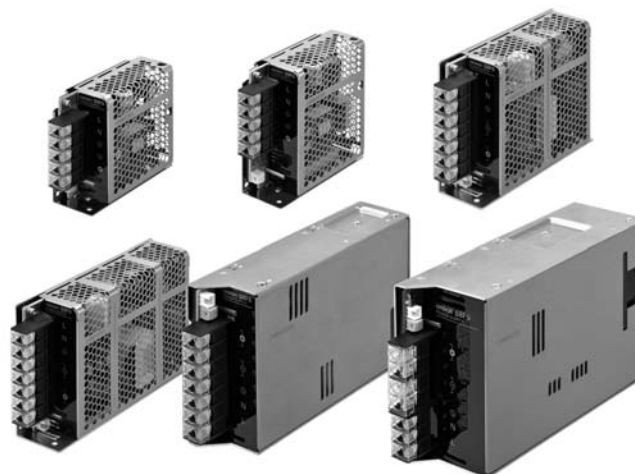
Switch Mode Power Supply

S8FS-G (15/30/50/100/150/300/600-W Models)

Superior Performance and Reliability, Meets a Wide Range of Standards, Allowing Great Usability.



- Superior basic performance that ensures reliability
Ambient temperatures up to 70°C, greater resistance to rusting with aluminum/stainless steel case, and applications at altitudes up to 3,000 m.
- Certification for Global Standards
North America: UL 508 (Listing)*, CSA C22.2
Europe: Overvoltage Category III (EN 50178)
EMI: Class B (EN 61204-3)
No need for control circuit transformers for which the Machinery Directive is specified. (IEC 61558-2-16)
* Refer to pages 4 to 10 for certified models.
- Conforms to SEMI F47-0706 (200 VAC input).
- Great Usability
The Terminal Block Cover prevents screws from dropping out and the Front Cover prevents ingress of foreign matter.



⚠ Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 26.

Lineup

Output voltage	Power rating						
	15 W	30 W	50 W	100 W	150 W	300 W	600 W
5 V	Yes	Yes	Yes	Yes	Yes	---	---
12 V	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15 V	Yes	Yes	Yes	Yes	Yes	Yes	Yes
24 V	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48 V	---	---	---	---	Yes	Yes	Yes

Model Number Structure

Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models* in *Ordering Information*, below.

S8FS- G

1 2 3 4 5 6

1. Power Ratings

015: 15 W
030: 30 W
050: 50 W
100: 100 W
150: 150 W
300: 300 W
600: 600 W

2. Output voltage

05: 5 V
12: 12 V
15: 15 V
24: 24 V
48: 48 V

3. Configuration

C: With cover/Direct mounting
CD: With cover/DIN Rail mounting

4. Option (1)

None: Screw terminal block

5. Option (2) *1

None: None
W: Parallel operation

6. Option (3) *2

None: None
R: Remote control

*1. Applicable only for 600 W and 24 V.

*2. Applicable only for 100 W or more and 24 V.

S8FS-G

Ordering Information

List of Models

Note: For details on normal stock models, contact your nearest OMRON representative.

With Cover/Direct Mounting

Power ratings	Input voltage	Output voltage (VDC)	Output current	Built-in fan	Model
15 W	100 to 240 VAC	5 V	3 A	None	S8FS-G01505C
		12 V	1.3 A		S8FS-G01512C
		15 V	1 A		S8FS-G01515C
		24 V	0.65 A		S8FS-G01524C
30 W		5 V	6 A		S8FS-G03005C
		12 V	3 A		S8FS-G03012C
		15 V	2.4 A		S8FS-G03015C
		24 V	1.5 A		S8FS-G03024C
50 W		5 V	8 A		S8FS-G05005C
		12 V	4.3 A		S8FS-G05012C
		15 V	3.5 A		S8FS-G05015C
		24 V	2.2 A		S8FS-G05024C
100 W		5 V	16 A		S8FS-G10005C
		12 V	8.5 A		S8FS-G10012C
		15 V	7 A		S8FS-G10015C
		24 V	4.5 A		S8FS-G10024C
150 W		5 V	21 A		S8FS-G15005C
		12 V	13 A		S8FS-G15012C
		15 V	10 A		S8FS-G15015C
		24 V	6.5 A		S8FS-G15024C
300 W	48 V	3.3 A	S8FS-G15048C		
	12 V	25 A	S8FS-G30012C		
	15 V	20 A	S8FS-G30015C		
	24 V	14 A	S8FS-G30024C		
600 W	48 V	7 A	S8FS-G30048C		
	12 V	50 A	S8FS-G60012C		
	15 V	40 A	S8FS-G60015C		
	24 V	27 A	S8FS-G60024C		
		48 V	13 A	S8FS-G60048C	

Note: 1. Ask your OMRON representative for pricing information on optional models.

2. Front-mounting is not possible.

To mount a Power Supply from the front, purchase a DIN Rail-mounting Power Supply and a Front-mounting Bracket (sold separately). Refer to page 24.