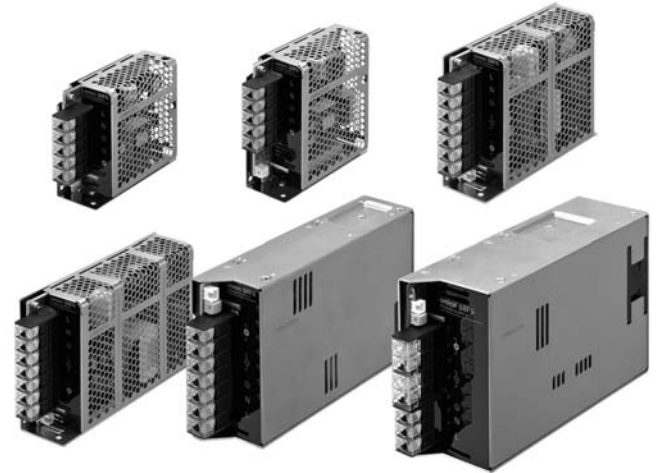


Switch Mode Power Supply S8FS-G (15/30/50/100/150/300/600-W Models)

Superior Basic Performance That Ensures Reliability. Wide Range of Standards Certification and Greater 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. (EN/IEC 61558-2-16)



⚠ Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 29.

- * Refer to pages 4 to 10 for certified models.
- Greater Usability
The Terminal Block Cover prevents screws from dropping out and the Front Cover prevents ingress of foreign matter.

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

- | | | | | |
|---|---|---|---|---|
| <p>1. Power Ratings
015: 15 W
030: 30 W
050: 50 W *1
100: 100 W *2
150: 150 W *3
300: 300 W
600: 600 W</p> | <p>2. Output voltage
05: 5 V
12: 12 V
15: 15 V
24: 24 V
48: 48 V</p> | <p>3. Configuration
C: With cover/Direct mounting
CD: With cover/DIN Rail mounting</p> <p>4. Option (1)
None: Screw terminal block
E: Connectors *4</p> | <p>5. Option (2) *5
None: None
W: Parallel operation</p> <p>6. Option (3) *6
None: None
R: Remote control</p> | <p>7. Option (4) *7
None: None
H: Extended hold time</p> |
|---|---|---|---|---|

*1. The output electric power is 40 W for products with an output voltage of 5 V.
*2. The output electric power is 80 W for products with an output voltage of 5 V.
*3. The output electric power is 105 W for products with an output voltage of 5 V.

*4. Applicable only for 150 W or less and 24 V.
*5. Applicable only for 600 W and 24 V.
*6. Applicable only for 100 W or more and 24 V.
*7. Applicable only for 300 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/DIN Rail Mounting

Power ratings	Input voltage	Output voltage (VDC)	Output current	Built-in fan	Model
15 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 80 to 370 VDC) *4	5 V	3 A	None	S8FS-G01505CD
		12 V	1.3 A		S8FS-G01512CD
		15 V	1 A		S8FS-G01515CD
		24 V	0.65 A		S8FS-G01524CD
30 W		5 V	6 A		S8FS-G03005CD
		12 V	3 A		S8FS-G03012CD
		15 V	2.4 A		S8FS-G03015CD
		24 V	1.5 A		S8FS-G03024CD
50 W		5 V	8 A *1		S8FS-G05005CD
		12 V	4.3 A		S8FS-G05012CD
		15 V	3.5 A		S8FS-G05015CD
		24 V	2.2 A		S8FS-G05024CD
100 W		5 V	16 A *2		S8FS-G10005CD
		12 V	8.5 A		S8FS-G10012CD
		15 V	7 A		S8FS-G10015CD
		24 V	4.5 A		S8FS-G10024CD
150 W	5 V	21 A *3	S8FS-G15005CD		
	12 V	13 A	S8FS-G15012CD		
	15 V	10 A	S8FS-G15015CD		
	24 V	6.5 A	S8FS-G15024CD		
300 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 370 VDC)	48 V	3.3 A	S8FS-G15048CD	
		12 V	25 A	S8FS-G30012CD	
		15 V	20 A	S8FS-G30015CD	
		24 V	14 A	S8FS-G30024CD	
600 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 350 VDC)	48 V	7 A	S8FS-G30048CD	
		12 V	50 A	S8FS-G60012CD	
		15 V	40 A	S8FS-G60015CD	
		24 V	27 A	S8FS-G60024CD	
		48 V	13 A	S8FS-G60048CD	

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

*1. The output electric power is 40 W.

*2. The output electric power is 80 W.

*3. The output electric power is 105 W.

*4. Applicable to products produced from May 2018.

With Cover/DIN Rail Mounting (Extended hold time type)

Power ratings	Input voltage	Output voltage (VDC)	Output current	Built-in fan	Model
300 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 370 VDC)	24 V	14 A	Yes	S8FS-G30024CD-H
600 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 350 VDC)		27 A		S8FS-G60024CD-H