

Switch Mode Power Supply (15/25/35/50/75/100/150/200/350-W Models) S8FS-C

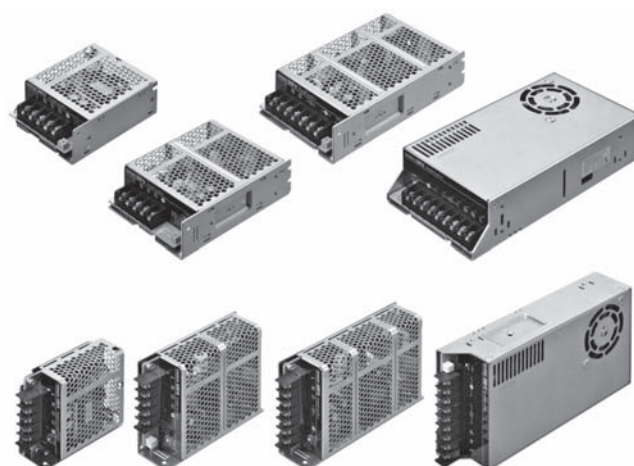


High Reliability at a Reasonable Cost. Reliable, Basic Power Supplies That Contribute to Stable Equipment Operation.

- High Reliability: Enhanced abnormal overvoltage resistance and lightning surge resistance for stable operation even with an unstable input voltage.
- Long Life: Japanese 105°C electrolytic capacitors are used to achieve stable quality and long life. A reliable 3-year warranty.*
- Wide Input Ranges: 100 to 120 VAC and 200 to 240 VAC
- Full Lineup: Models are available for the main output voltages and capacities used in FA applications.
- Global Standards: Conforms to CE (all models), Approved for UL (all models) and CCC (15 to 150-W models).
- Easy mounting to DIN Rails with Mounting Brackets.

* Refer to *Period and Terms of Warranty* on page 39.

Refer to **Safety Precautions for All Power Supplies** and **Safety Precautions** on page 36.



Product Lineup

Output voltage	Power rating								
	15 W	25 W	35 W	50 W	75 W	100 W	150 W	200 W	350 W
5 V	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12 V	Yes	Yes	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	Yes	Yes
36 V	---	---	---	---	---	Yes	Yes	Yes	Yes
48 V	---	---	---	Yes	Yes	Yes	Yes	Yes	Yes

Model Number Structure

Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models in Ordering Information* on page 2.

S8FS-C

(1) (2) (3)

(1) Power Rating

Code	Power rating
015	15 W
025	25 W
035	35 W
050	50 W
075	75 W
100	100 W
150	150 W
200	200 W
350	350 W

(2) Output Voltage

Code	Output voltage
05	5 V
12	12 V
15	15 V
24	24 V
36	36 V
48	48 V

(3) Configuration

Code	Terminal Block Direction
Blank	Models with terminal block facing upward 
J	Models with terminal block facing forward 
D	Models with DIN rail 

Ordering Information

List of Models

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

Power rating	Input voltage	Output voltage (VDC)	Output current	Built-in fan	Model with terminal block facing upward	Model with terminal block facing forward	Model with DIN rail
15 W	100 to 240 VAC (allowable range: 85 to 264 VAC or 120 to 370 VDC *1)	5 V	3 A	None	---	S8FS-C01505J	S8FS-C01505D
		12 V	1.3 A			S8FS-C01512J	S8FS-C01512D
		15 V	1 A			S8FS-C01515J	S8FS-C01515D
		24 V	0.7 A			S8FS-C01524J	S8FS-C01524D
25 W		5 V	5 A		S8FS-C02505	S8FS-C02505J	S8FS-C02505D
		12 V	2.1 A		S8FS-C02512	S8FS-C02512J	S8FS-C02512D
		15 V	1.7 A		S8FS-C02515	S8FS-C02515J	S8FS-C02515D
		24 V	1.1 A		S8FS-C02524	S8FS-C02524J	S8FS-C02524D
35 W		5 V	7 A		S8FS-C03505	S8FS-C03505J	S8FS-C03505D
		12 V	3 A		S8FS-C03512	S8FS-C03512J	S8FS-C03512D
		15 V	2.4 A		S8FS-C03515	S8FS-C03515J	S8FS-C03515D
		24 V	1.5 A		S8FS-C03524	S8FS-C03524J	S8FS-C03524D
50 W		5 V	10 A		S8FS-C05005	S8FS-C05005J	S8FS-C05005D
		12 V	4.2 A		S8FS-C05012	S8FS-C05012J	S8FS-C05012D
		15 V	3.4 A		S8FS-C05015	S8FS-C05015J	S8FS-C05015D
		24 V	2.2 A		S8FS-C05024	S8FS-C05024J	S8FS-C05024D
75 W		48 V	1.1 A		S8FS-C05048	S8FS-C05048J	S8FS-C05048D
		5 V	14 A		S8FS-C07505	S8FS-C07505J	S8FS-C07505D
		12 V	6.2 A		S8FS-C07512	S8FS-C07512J	S8FS-C07512D
		15 V	5 A		S8FS-C07515	S8FS-C07515J	S8FS-C07515D
100 W		24 V	3.2 A		S8FS-C07524	S8FS-C07524J	S8FS-C07524D
		48 V	1.6 A		S8FS-C07548	S8FS-C07548J	S8FS-C07548D
		5 V	20 A		S8FS-C10005	S8FS-C10005J	S8FS-C10005D
		12 V	8.5 A		S8FS-C10012	S8FS-C10012J	S8FS-C10012D
		15 V	7 A		S8FS-C10015	S8FS-C10015J	S8FS-C10015D
		24 V	4.5 A		S8FS-C10024	S8FS-C10024J	S8FS-C10024D
150 W		36 V	2.8 A		S8FS-C10036	S8FS-C10036J	S8FS-C10036D
		48 V	2.3 A		S8FS-C10048	S8FS-C10048J	S8FS-C10048D
	5 V	26 A	S8FS-C15005	S8FS-C15005J	S8FS-C15005D		
	12 V	12.5 A	S8FS-C15012	S8FS-C15012J	S8FS-C15012D		
	15 V	10 A	S8FS-C15015	S8FS-C15015J	S8FS-C15015D		
	24 V	6.5 A	S8FS-C15024	S8FS-C15024J	S8FS-C15024D		
200 W	36 V	4.3 A	S8FS-C15036	S8FS-C15036J	S8FS-C15036D		
	48 V	3.3 A	S8FS-C15048	S8FS-C15048J	S8FS-C15048D		
	5 V	40 A	S8FS-C20005	S8FS-C20005J	S8FS-C20005D		
	12 V	17 A	S8FS-C20012	S8FS-C20012J	S8FS-C20012D		
	24 V	8.8 A	S8FS-C20024	S8FS-C20024J	S8FS-C20024D		
	36 V	5.9 A	S8FS-C20036	S8FS-C20036J	S8FS-C20036D		
350 W	48 V	4.43 A	S8FS-C20048	S8FS-C20048J	S8FS-C20048D		
	5 V	60 A	Yes	S8FS-C35005	S8FS-C35005J	S8FS-C35005D	
	12 V	29 A		S8FS-C35012	S8FS-C35012J	S8FS-C35012D	
	24 V	14.6 A		S8FS-C35024	S8FS-C35024J	S8FS-C35024D	
36 V	9.7 A	S8FS-C35036		S8FS-C35036J	S8FS-C35036D		
		48 V	7.32 A		S8FS-C35048	S8FS-C35048J	S8FS-C35048D

Note: You can use brackets that are sold separately to mount the Power Supplies to DIN Rail. Refer to *Mounting Brackets (Order Separately)* on page 29.

*1. The range for compliance with EC Directives and safety standards (UL, EN, etc.) is 100 to 240 VAC.

*2. The range for compliance with EC Directives and safety standards (UL, EN, etc.) is 100 to 120 VAC, 200 to 240 VAC.