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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 (Permissible range 85 to 264 VAC, 80 to 370 VDC) *4	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 *1		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 *2		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 *3	S8FS-G15005C			
	12 V	13 A	S8FS-G15012C			
	15 V	10 A	S8FS-G15015C			
	24 V	6.5 A	S8FS-G15024C			
300 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 370 VDC)	48 V	3.3 A	Yes	S8FS-G15048C	
		12 V	25 A		S8FS-G30012C	
		15 V	20 A		S8FS-G30015C	
		24 V	14 A		S8FS-G30024C	
48 V		7 A	S8FS-G30048C			
600 W		100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 350 VDC)	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 27.

With Cover/Direct 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-G30024C-H
600 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 350 VDC)		27 A		S8FS-G60024C-H

With Cover/Direct Mounting (Connector type)

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	24 V	0.65 A	None	S8FS-G01524CE
30 W			1.5 A		S8FS-G03024CE
50 W			2.2 A		S8FS-G05024CE
100 W			4.5 A		S8FS-G10024CE
150 W			6.5 A		S8FS-G15024CE

*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

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		
	48 V	3.3 A	S8FS-G15048CD		
	300 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 370 VDC)	12 V	25 A	Yes
15 V		20 A	S8FS-G30015CD		
24 V		14 A	S8FS-G30024CD		
48 V		7 A	S8FS-G30048CD		
600 W	100 to 240 VAC (Permissible range 85 to 264 VAC, 120 to 350 VDC)	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

Specifications

Item	Power rating		15 W			
	Output voltage		5 V	12 V	15 V	24 V
Efficiency *	100 VAC input		80% typ.	84% typ.	84% typ.	85% typ.
	200 VAC input		80% typ.	84% typ.	84% typ.	86% typ.
	230 VAC input		80% typ.	84% typ.	84% typ.	86% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 80 to 370 VDC			
	Frequency *		50/60 Hz (47 to 450 Hz)			
	Current *	100 VAC input	0.32 A typ.			
		200 VAC input	0.2 A typ.			
	Power factor		---			
	Leakage current *	100 VAC input	0.5 mA max.			
		200 VAC input	1 mA max.			
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.				
	200 VAC input	28 A typ.				
Output	Rated Output Current		3 A	1.3 A	1 A	0.65 A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)			
	Ripple & Noise voltage *	100 to 240 VAC input	40 mVp-p max.	40 mVp-p max.	40 mVp-p max.	60 mVp-p max.
	Input variation influence *		0.5% max.			
	Load variation influence *		1.0% max.			
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.			
	Startup time *	100 VAC input	1,000 ms max.			
		200 VAC input	1,000 ms max.			
	Hold time *	100 VAC input	15 ms typ.	14 ms typ.	15 ms typ.	15 ms typ.
		200 VAC input	75 ms typ.	70 ms typ.	75 ms typ.	70 ms typ.
Additional functions	Overload protection		Yes, automatic reset			
	Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)			
	Overheat protection		No			
	Series operation		Yes (For up to two Power Supplies, external diodes are required.)			
	Parallel operation		No (However, backup operation is possible, external diodes are required.)			
	Remote sensing		No			
	Remote control		No			
Output indicator		Yes (LED: Green)				
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA 2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA 1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA			
	Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC			
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature.) (with no condensation or icing)			
	Storage temperature		-25 to 75°C (with no condensation or icing)			
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)			
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions			
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions			
Reliability	MTBF		135,000 hrs min.			
	Life expectancy *		10 years min.			
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 19.			
	Weight		250 g			
	Cooling fan		No			
	Degree of protection		---			
Standards	Harmonic current emissions		Conforms to EN 61000-3-2			
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
	EMS		Conforms to EN 61204-3 high severity levels			
	Safety Standards		UL 508 (Listing, excluding models with connector option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with connector option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with connector option) EN 50178 (OVCIII [≤ 2,000 m], OVCII [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCII [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)			
	Marine Standards		No			
	SEMI		Conforms to F47-0706 (200 VAC input)			

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		30 W			
	Output voltage		5 V	12 V	15 V	24 V
Efficiency *	100 VAC input		81% typ.	84% typ.	86% typ.	86% typ.
	200 VAC input		81% typ.	86% typ.	88% typ.	88% typ.
	230 VAC input		81% typ.	86% typ.	88% typ.	89% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 80 to 370 VDC			
	Frequency *		50/60 Hz (47 to 450 Hz)			
	Current *	100 VAC input	0.72 A typ.			
		200 VAC input	0.43 A typ.			
	Power factor		---			
	Leakage current *	100 VAC input	0.5 mA max.			
		200 VAC input	1 mA max.			
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.				
	200 VAC input	28 A typ.				
Output	Rated Output Current		6 A	3 A	2.4 A	1.5 A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)			
	Ripple & Noise voltage *	100 to 240 VAC input	50 mVp-p max.	60 mVp-p max.	50 mVp-p max.	60 mVp-p max.
	Input variation influence *		0.5% max.			
	Load variation influence *		1.0% max.			
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.			
	Startup time *	100 VAC input	1,000 ms max.			
		200 VAC input	1,000 ms max.			
	Hold time *	100 VAC input	11 ms typ.	10 ms typ.	11 ms typ.	10 ms typ.
		200 VAC input	60 ms typ.	50 ms typ.	50 ms typ.	55 ms typ.
Additional functions	Overload protection		Yes, automatic reset			
	Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)			
	Overheat protection		No			
	Series operation		Yes (For up to two Power Supplies, external diodes are required.)			
	Parallel operation		No (However, backup operation is possible, external diodes are required.)			
	Remote sensing		No			
	Remote control		No			
Output indicator		Yes (LED: Green)				
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA 2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA 1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA			
	Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC			
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature.) (with no condensation or icing)			
	Storage temperature		-25 to 75°C (with no condensation or icing)			
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)			
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions			
Reliability	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions			
	MTBF		135,000 hrs min.			
	Life expectancy *		10 years min.			
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 19.			
	Weight		250 g			
	Cooling fan		No			
	Degree of protection		---			
Standards	Harmonic current emissions		Conforms to EN 61000-3-2			
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
	EMS		Conforms to EN 61204-3 high severity levels			
	Safety Standards		UL 508 (Listing, excluding models with connector option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with connector option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with connector option) EN 50178 (OVCIII [≤ 2,000 m], OVCII [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCII [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)			
	Marine Standards		No			
SEMI		Conforms to F47-0706 (200 VAC input)				

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		50 W			
	Output voltage		5 V	12 V	15 V	24 V
Efficiency *	100 VAC input		81% typ.	84% typ.	86% typ.	86% typ.
	200 VAC input		82% typ.	86% typ.	88% typ.	89% typ.
	230 VAC input		82% typ.	86% typ.	88% typ.	89% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 80 to 370 VDC			
	Frequency *		50/60 Hz (47 to 450 Hz)			
	Current *	100 VAC input	1.1 A typ.			
		200 VAC input	0.62 A typ.			
	Power factor		---			
	Leakage current *	100 VAC input	0.5 mA max.			
		200 VAC input	1 mA max.			
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.				
	200 VAC input	28 A typ.				
Output	Rated Output Current		8 A	4.3 A	3.5 A	2.2A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)			
	Ripple & Noise voltage *	100 to 240 VAC input	40 mVp-p max.	40 mVp-p max.	40 mVp-p max.	60 mVp-p max.
	Input variation influence *		0.5% max.			
	Load variation influence *		1.0% max.			
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.			
	Startup time *	100 VAC input	1,000 ms max.			
		200 VAC input	1,000 ms max.			
	Hold time *	100 VAC input	14 ms typ.	11 ms typ.	10 ms typ.	10 ms typ.
		200 VAC input	75 ms typ.	60 ms typ.	60 ms typ.	55 ms typ.
Additional functions	Overload protection		Yes, automatic reset			
	Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)			
	Overheat protection		No			
	Series operation		Yes (For up to two Power Supplies, external diodes are required.)			
	Parallel operation		No (However, backup operation is possible, external diodes are required.)			
	Remote sensing		No			
	Remote control		No			
Output indicator		Yes (LED: Green)				
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA			
			2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA			
			1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA			
500 VAC for 1 min. (between all output terminals and RC terminals) current cutoff 20 mA						
Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC				
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature.) (with no condensation or icing)			
	Storage temperature		-25 to 75°C (with no condensation or icing)			
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)			
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions			
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions			
Reliability	MTBF		135,000 hrs min.			
	Life expectancy *		10 years min.			
Construction	Dimensions (WxHxD)		Refer to <i>Dimensions</i> on page 20.			
	Weight		300 g			
	Cooling fan		No			
	Degree of protection		---			
Standards	Harmonic current emissions		Conforms to EN 61000-3-2			
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
	EMS		Conforms to EN 61204-3 high severity levels			
	Safety Standards		UL 508 (Listing, excluding models with connector option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with connector option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with connector option) EN 50178 (OVCIII [≤ 2,000 m], OVCI [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCI [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)			
	Marine Standards		No			
SEMI		Conforms to F47-0706 (200 VAC input)				

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		100 W			
	Output voltage		5 V	12 V	15 V	24 V
Efficiency *	100 VAC input		79% typ.	84% typ.	85% typ.	87% typ.
	200 VAC input		81% typ.	86% typ.	87% typ.	89% typ.
	230 VAC input		81% typ.	86% typ.	87% typ.	89% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 80 to 370 VDC			
	Frequency *		50/60 Hz (47 to 450 Hz)			
	Current *	100 VAC input	2.1 A typ.			
		200 VAC input	1.2 A typ.			
	Power factor		---			
	Leakage current *	100 VAC input	0.5 mA max.			
		200 VAC input	1 mA max.			
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.				
	200 VAC input	28 A typ.				
Output	Rated Output Current		16 A	8.5 A	7 A	4.5 A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)			
	Ripple & Noise voltage *	100 to 240 VAC input	70 mVp-p max.	90 mVp-p max.	100 mVp-p max.	80 mVp-p max.
	Input variation influence *		0.5% max.			
	Load variation influence *		1.0% max.			
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.			
		Startup time *		1,000 ms max.		
	Hold time *	100 VAC input	12 ms typ.	11 ms typ.	11 ms typ.	10 ms typ.
		200 VAC input	70 ms typ.	55 ms typ.	55 ms typ.	55 ms typ.
	Additional functions	Overload protection		Yes, automatic reset		
Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)				
Overheat protection		No				
Series operation		Yes (For up to two Power Supplies, external diodes are required.)				
Parallel operation		No (However, backup operation is possible, external diodes are required.)				
Remote sensing		No				
Remote control		Yes (Only for models with remote control option)				
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA			
			2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA			
			1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA			
			Only Remote control 500 VAC for 1 min. (between all output terminals and RC terminals) current cutoff 20 mA			
	Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC			
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature. Refer to Engineering Data) (with no condensation or icing)			
	Storage temperature		-25 to 75°C (with no condensation or icing)			
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)			
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions			
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions			
Reliability	MTBF		135,000 hrs min.			
	Life expectancy *		10 years min.			
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 21.			
	Weight		400 g			
	Cooling fan		No			
	Degree of protection		---			
Standards	Harmonic current emissions		Conforms to EN 61000-3-2			
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
	EMS		Conforms to EN 61204-3 high severity levels			
	Safety Standards		UL 508 (Listing, excluding models with connector option or remote control option) UL 508 (Recognition, models with remote control option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with connector option or remote control option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with connector option or remote control option) EN 50178 (OVCI [≤ 2,000 m], OVCI > 2,000 m and ≤ 3,000 m, Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCI [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)			
	Marine Standards		No			
SEMI		Conforms to F47-0706 (200 VAC input)				

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		150 W				
	Output voltage		5 V	12 V	15 V	24 V	48 V
Efficiency *1	100 VAC input		78% typ.	84% typ.	85% typ.	87% typ.	85% typ.
	200 VAC input		81% typ.	87% typ.	88% typ.	89% typ.	88% typ.
	230 VAC input		81% typ.	87% typ.	88% typ.	90% typ.	88% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 80 to 370 VDC				
	Frequency *		50 /60 Hz (47 to 450 Hz)				
	Current *	100 VAC input	3 A typ.				
		200 VAC input	1.8 A typ.				
	Power factor		---				
	Leakage current *	100 VAC input	0.5 mA max.				
		200 VAC input	1 mA max.				
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.					
	200 VAC input	28 A typ.					
Output	Rated Output Current		21 A	13 A	10 A	6.5 A	3.3 A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)				
	Ripple & Noise voltage *	100 to 240 VAC input	100 mVp-p max.	110 mVp-p max.	80 mVp-p max.	110 mVp-p max.	120 mVp-p max.
	Input variation influence *		0.5% max.				
	Load variation influence *		1.0% max.				
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.				
		Startup time *		1,000 ms max.			
	Hold time *	100 VAC input	14 ms typ.	10 ms typ.	10 ms typ.	10 ms typ.	11 ms typ.
		200 VAC input	80 ms typ.	55 ms typ.	55 ms typ.	55 ms typ.	55 ms typ.
	Additional functions	Overload protection		Yes, automatic reset			
Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)					
Overheat protection		No					
Series operation		Yes (For up to two Power Supplies, external diodes are required.)					
Parallel operation		No (However, backup operation is possible, external diodes are required.)					
Remote sensing		No					
Remote control		Yes (Only for models with remote control option)					
Insulation	Withstand voltage		3 kVAC for 1 min.(between all input terminals and output terminals) current cutoff 20 mA				
			2 kVAC for 1 min.(between all input terminals and PE terminals) current cutoff 20 mA				
			1 kVAC for 1 min.(between all output terminals and PE terminals) current cutoff 20 mA				
	Insulation resistance		Only Remote control 500 VAC for 1 min.(between all output terminals and RC terminals) current cutoff 20 mA 100 MΩ min.(between all output terminals and all input terminals/PE terminals) at 500 VDC				
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature. Refer to Engineering Data) (with no condensation or icing)				
	Storage temperature		-25 to 75°C (with no condensation or icing)				
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)				
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions				
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions				
Reliability	MTBF		135,000 hrs min.				
	Life expectancy *		10 years min.				
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 23.				
	Weight		500 g				
	Cooling fan		No				
	Degree of protection		---				
Standards	Harmonic current emissions		Conforms to EN 61000-3-2 (Applicable at 80% or less of the rated load.)				
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B				
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B				
	EMS		Conforms to EN 61204-3 high severity levels				
	Safety Standards		UL 508 (Listing, excluding models with connector option or remote control option) UL 508 (Recognition, models with remote control option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with connector option or remote control option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with connector option or remote control option) EN 50178 (OVCIII [≤ 2,000 m], OVCI [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCI [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)				
	Marine Standards		No				
SEMI		Conforms to F47-0706 (200 VAC input)					

Note: Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		300 W				
	Output voltage		12 V	15 V	24 V	48 V	
Efficiency *	100 VAC input		81% typ.	81% typ.	82% typ.	82% typ.	
	200 VAC input		85% typ.	85% typ.	87% typ.	87% typ.	
	230 VAC input		85% typ.	86% typ.	87% typ.	87% typ.	
Input	Voltage range *		Single phase, 85 to 264 VAC, 120 to 370 VDC				
	Frequency *		50/60 Hz (47 to 63 Hz)				
	Current *	100 VAC input	4.2 A typ.				
		200 VAC input	2.1 A typ.				
	Power factor		0.9 min.				
	Leakage current *	100 VAC input	0.5 mA max.				
		200 VAC input	1 mA max.				
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.					
	200 VAC input	28 A typ.					
Output	Rated Output Current		25 A	20 A	14 A	7 A	
	Voltage adjustment range *		-10% to 15% (with V.ADJ)				
	Ripple & Noise voltage * 100 to 240 VAC input		140 mVp-p max.	270 mVp-p max.	150 mVp-p max.	330 mVp-p max.	
	Input variation influence *		0.5% max.				
	Load variation influence *		1.0% max.				
	Temperature variation influence	100 to 240 VAC input		0.05%/°C max.			
		Startup time *	100 VAC input	1,000 ms max.			
	200 VAC input		1,000 ms max.				
	Hold time *	100 VAC input	30 ms typ.	30 ms typ.	30 ms typ. 40 ms typ. (Extended hold time type)	30 ms typ.	
		200 VAC input	30 ms typ.	25 ms typ.	30 ms typ. 40 ms typ. (Extended hold time type)	30 ms typ.	
Additional functions	Overload protection		Yes, automatic reset				
	Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)				
	Overheat protection		Yes, power shut off (shut off the input voltage and turn on the input again)				
	Series operation		Yes (For up to two Power Supplies, external diodes are required.)				
	Parallel operation		No (However, backup operation is possible, external diodes are required.)				
	Remote sensing		No				
	Remote control		Yes (Only for models with remote control option)				
Output indicator		Yes (LED: Green)					
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA				
			2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA				
			1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA				
Insulation resistance		Only Remote control 500 VAC for 1 min. (between all output terminals and RC terminals) current cutoff 20 mA					
Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC					
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature.) (with no condensation or icing)				
	Storage temperature		-25 to 75°C (with no condensation or icing)				
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)				
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions				
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions				
Reliability	MTBF		135,000 hrs min.				
	Life expectancy *		10 years min.				
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 25				
	Weight		700 g				
	Cooling fan		Yes				
	Degree of protection		---				
Standards	Harmonic current emissions		Conforms to EN 61000-3-2				
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B				
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B				
	EMS		Conforms to EN 61204-3 high severity levels				
	Safety Standards		UL 508 (Listing, excluding models with remote control option) UL 508 (Recognition, models with remote control option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with remote control option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with remote control option) EN 50178 (OVCIII [≤ 2,000 m], OVCII [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCII [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)				
	Marine Standards		No				
SEMI		Conforms to F47-0706 (200 VAC input)					

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Item	Power rating		600 W			
	Output voltage		12 V	15 V	24 V	48 V
Efficiency *	100 VAC input		84% typ.	84% typ.	85% typ.	88% typ.
	200 VAC input		88% typ.	88% typ.	89% typ.	92% typ.
	230 VAC input		88% typ.	88% typ.	90% typ.	92% typ.
Input	Voltage range *		Single phase, 85 to 264 VAC, 120 to 350 VDC			
	Frequency *		50 /60 Hz(47 to 63 Hz)			
	Current *	100 VAC input	7.7 A typ.			
		200 VAC input	3.8 A typ.			
	Power factor		0.9 min.			
	Leakage current *	100 VAC input	0.5 mA max.			
		200 VAC input	1 mA max.			
Inrush current * (for a cold start at 25°C)	100 VAC input	14 A typ.				
	200 VAC input	28 A typ.				
Output	Rated Output Current		50 A	40 A	27 A	13 A
	Voltage adjustment range *		-10% to 15% (with V.ADJ)			
	Ripple & Noise voltage * 100 to 240 VAC input		170 mVp-p max.	170 mVp-p max.	280 mVp-p max.	340 mVp-p max.
	Input variation influence *		0.5% max.			
	Load variation influence *		1.0% max.			
	Temperature variation influence	100 to 240 VAC input	0.05%/°C max.			
		Startup time *		1,000 ms max.		
	Hold time *	100 VAC input	30 ms typ.	25 ms typ.	30 ms typ. 40 ms typ. (Extended hold time type)	30 ms typ.
		200 VAC input	30 ms typ.	25 ms typ.	30 ms typ. 40 ms typ. (Extended hold time type)	30 ms typ.
	Additional functions	Overload protection		Yes, automatic reset		
Overvoltage protection *		Yes, 120% or higher of rated output voltage, power shut off (shut off the input voltage and turn on the input again)				
Overheat protection		Yes, power shut off (shut off the input voltage and turn on the input again)				
Series operation		Yes (For up to two Power Supplies, external diodes are required.)				
Parallel operation		Yes (up to five Power Supplies, S8FS-G60024 (models with parallel operation option) only).				
Remote sensing		No				
Remote control		Yes (Only Remote control)				
Output indicator		Yes (LED: Green)				
Insulation	Withstand voltage		3 kVAC for 1 min. (between all input terminals and output terminals) current cutoff 20 mA			
			2 kVAC for 1 min. (between all input terminals and PE terminals) current cutoff 20 mA			
			1 kVAC for 1 min. (between all output terminals and PE terminals) current cutoff 20 mA			
Insulation resistance		100 MΩ min. (between all output terminals and all input terminals/PE terminals) at 500 VDC				
Environment	Ambient operating temperature		-20 to 70°C (Derating is required according to the temperature.) (with no condensation or icing)			
	Storage temperature		-25 to 75°C (with no condensation or icing)			
	Ambient operating humidity		90% max. (Storage humidity: 90% max.)			
	Vibration resistance		10 to 55 Hz, 4.5 G max., 0.375-mm half amplitude for 2 h each in X, Y, and Z directions			
	Shock resistance		150 m/s ² , 3 times each in ±X, ±Y, ±Z directions			
Reliability	MTBF		135,000 hrs min.			
	Life expectancy *		10 years min.			
Construction	Dimensions (W×H×D)		Refer to <i>Dimensions</i> on page 26.			
	Weight		1,050 g			
	Cooling fan		Yes			
	Degree of protection		---			
Standards	Harmonic current emissions		Conforms to EN 61000-3-2			
	EMI *	Conducted Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
		Radiated Emissions	Conforms to EN 61204-3 Class B, EN 55011 Class B			
	EMS		Conforms to EN 61204-3 high severity levels			
	Safety Standards		UL 508 (Listing, excluding models with remote control option) UL 508 (Recognition, models with remote control option) UL 60950-1, UL 62368-1 (Recognition, OVCII [≤ 3,000 m], Pol2) CSA C22.2 No.107.1 (excluding models with remote control option) CSA C22.2 No.60950-1, No.62368-1 (excluding models with remote control option) EN 50178 (OVCIII [≤ 2,000 m], OVCII [> 2,000 m and ≤ 3,000 m], Pol2) EN/IEC 60950-1, EN/IEC 62368-1 (OVCII [≤ 3,000 m], Pol2) Conforms to EN/IEC 61558-2-16 Conforms to PELV (EN/IEC 60204-1)			
	Marine Standards		No			
SEMI		Conforms to F47-0706 (200 VAC input)				

* Refer to *Ratings, Characteristics, and Functions* on page 11.

Ratings, Characteristics, and Functions

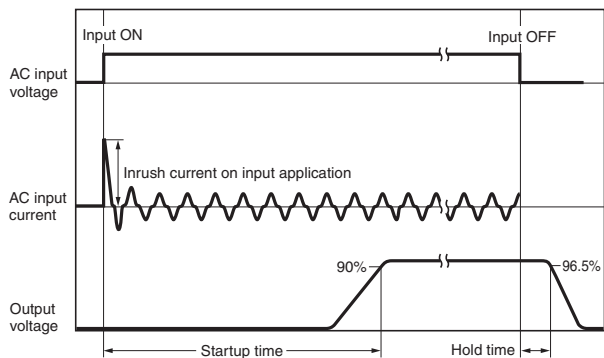
Efficiency		The value is when both rated output voltage and rated output current are satisfied.
Input	Voltage range	Do not use an inverter output for the Power Supply. Inverters with an output frequency of 50/60 Hz are available, but the rise in the internal temperature of the Power Supply may result in ignition or burning.
	Frequency	
	Current	The value is when both rated output voltage and rated output current are satisfied.
	Leakage current	The values are determined according to the Act on Power Supply Safety of Electrical Appliances and Materials.
	Inrush current (for a cold start at 25°C)	For a cold start at 25°C. Refer to the following figure.
Output	Voltage adjustment range	If the output voltage adjuster (V. ADJ) is turned, the voltage will increase by more than +15% of the voltage adjustment range. When adjusting the output voltage, confirm the actual output voltage from the Power Supply and be sure that the load is not damaged.
	Ripple & Noise voltage	The value is when both rated output voltage and rated output current are satisfied. A characteristic when the ambient operating temperature is 25°C.
	Input variation influence	This is the maximum variation in the output voltage when the input voltage is gradually changed within the allowable input voltage range at the rated output voltage and rated output current.
	Load variation influence	This is the value when the output current is changed from 0 A to the rated output current while the input voltage is within the allowable input voltage.
	Startup time	The value is when both rated output voltage and rated output current are satisfied. For a cold start at 25°C. Refer to the following figure.
	Hold time	The value is when both rated output voltage and rated output current are satisfied. At 25°C. Refer to the following figure.
Additional functions	Overvoltage protection	Refer to <i>Overvoltage Protection</i> on page 18 for the time when input voltage shuts off and input turns on again.
Reliability	Life expectancy	Refer to <i>Recommended Replacement Periods and Periodic Replacement for Preventive Maintenance</i> on page 33 for details.
Standards	EMI	Conducted Emissions
		Radiated Emissions
		The 150-W and higher models conform to Class B when an aluminum plate is set under the Power Supply.

Standard Compliance

- The input voltage range for compliance with EC Directives and other safety standards (UL, EN, etc.) is 90 to 264 VAC.
- EN/IEC 61558-2-16
To comply with EN/IEC 60204-1 (Machine Safety), a transformer is required in the control circuit. If, however, a Power Supply that has a built-in transformer that complies with EN/IEC 6155-8-2-16 is used, an external transformer is not required.
- Safety standard targets during a DC input *
During a DC input, UL 62368-1, cUR (CSA C22.2 No. 62368-1), EN/IEC 62368-1, EN 50178, EN/IEC 61558-2-16, and EN/IEC 60204-1 are safety standard targets. (The safety standards during a DC input are not acquired for the S8FS-G60048□.)
It is possible to comply with the safety standards by connecting a UL-authenticated fuse. Select a UL-authenticated fuse that satisfies the following conditions:
 - S8FS-G015□□/030□□ (320 VDC or above, 3 A)
 - S8FS-G050□□ (320 VDC or above, 4 A)
 - S8FS-G100□□ (320 VDC or above, 8 A)
 - S8FS-G150□□ (320 VDC or above, 10 A)
 - S8FS-G300□□ (320 VDC or above, 12 A)
 - S8FS-G600□□ (320 VDC or above, 20 A)
- To comply with the PELV output of the EN/IEC 60204-1, ground the output negative side (-V) to PE. *

* Applicable to products produced from May 2018

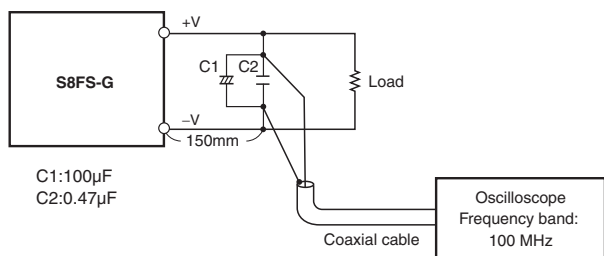
Inrush Current, Startup Time, Output Hold Time



Note: The total inrush current of all of the Power Supplies will flow for parallel operation or backup operation. Sufficiently check the fusing characteristics of fuses and the operating characteristics of breakers and select fuses and breakers so that external fuses will not burn out or breakers will not operate due to inrush current.

Ripple Noise Voltage

The specified standard for the ripple voltage noise was measured with a measurement circuit that is based on JEITA standard RC-9131A.



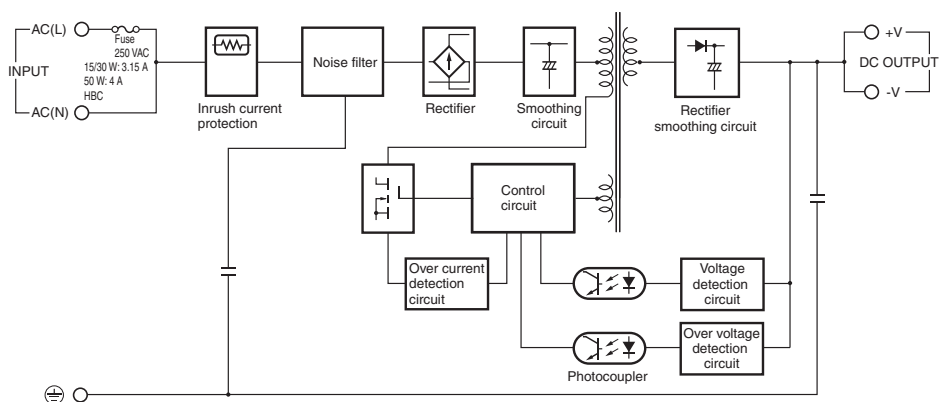
Connections

Block Diagrams

S8FS-G015□□□ (15 W)

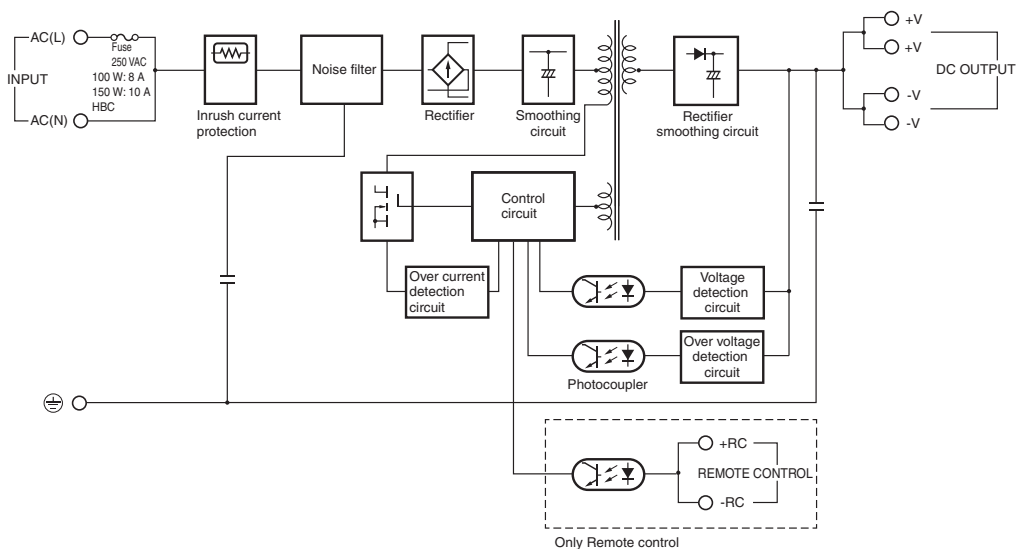
S8FS-G030□□□ (30 W)

S8FS-G050□□□ (50 W)

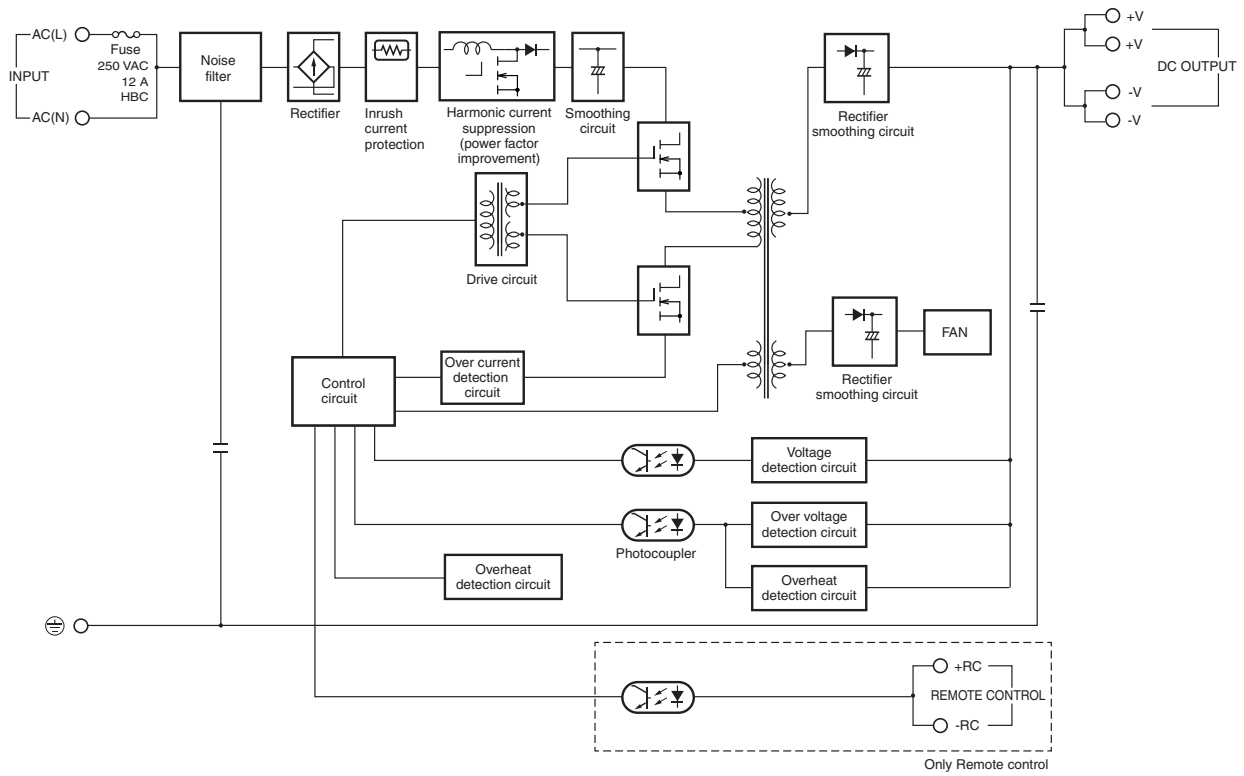


S8FS-G100□□□ (100 W)

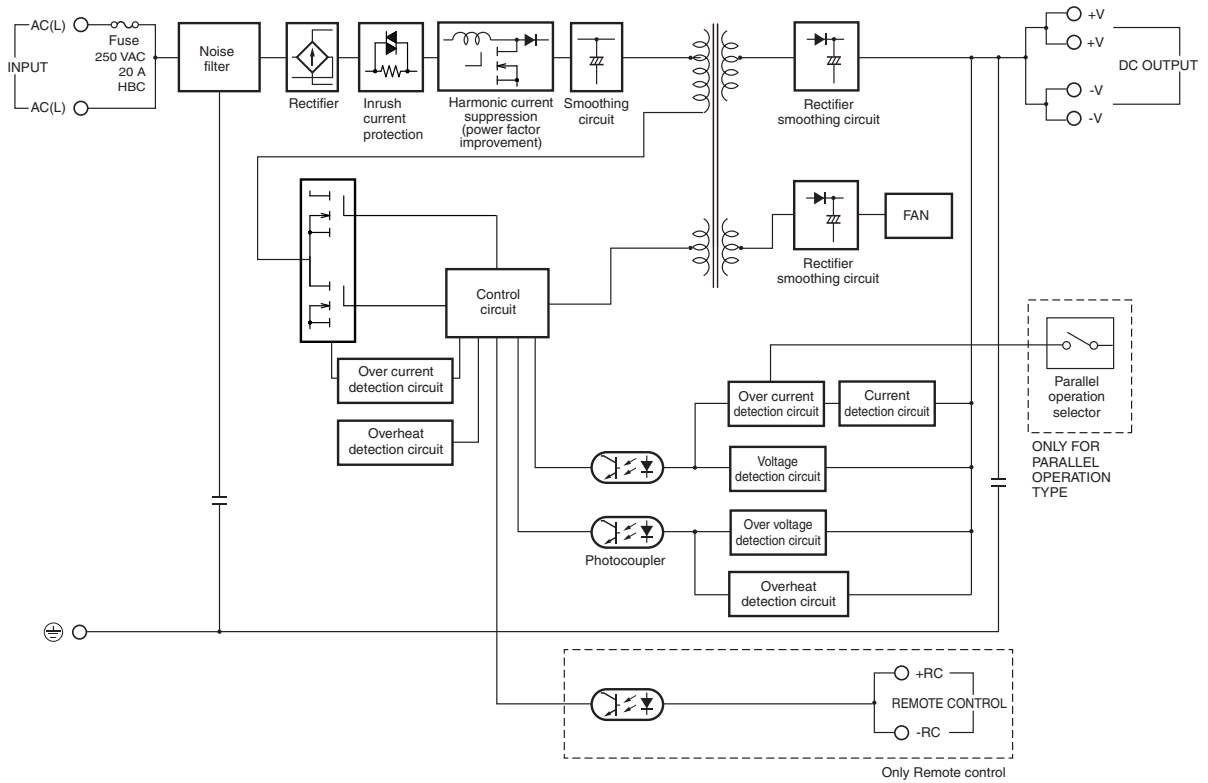
S8FS-G150□□□ (150 W)



S8FS-G300 (300 W)



S8FS-G600 (600 W)



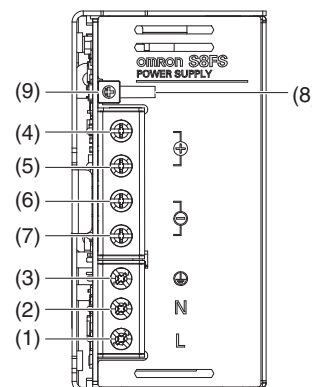
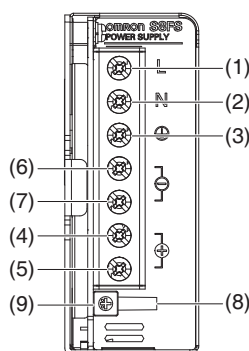
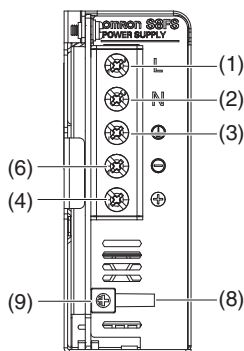
Construction and Nomenclature

Nomenclature

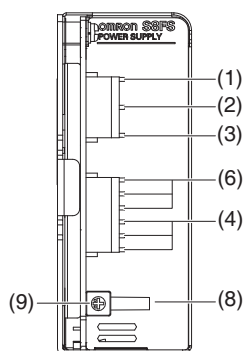
S8FS-G015□□□□
 S8FS-G030□□□□
 S8FS-G050□□□□

S8FS-G100□□□□
 S8FS-G150□□□□

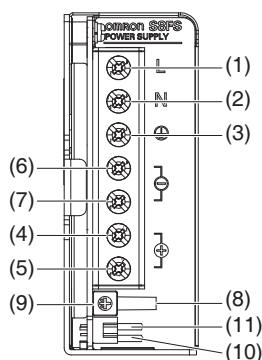
S8FS-G300□□□□
 S8FS-G600□□□□



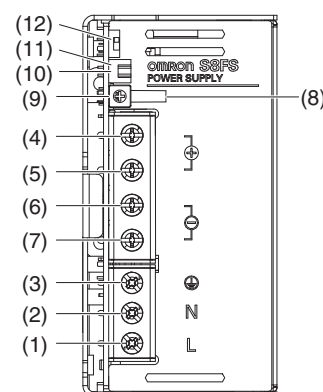
S8FS-G□□□24CE



S8FS-G□□□24C-R



S8FS-G□□□24C-WR



No.	Terminal name	Name	Function
(1)	L	Input terminals	Connect the input lines to these terminals. *1
(2)	N		
(3)	PE		
(4)	+V1	DC output terminals	Connect the load lines to these terminals.
(5)	+V2		
(6)	-V1		
(7)	-V2		
(8)	---	Output indicator (DC ON: green)	Lights while a direct current (DC) output is ON.
(9)	---	Output voltage adjuster (V.ADJ)	Use to adjust the voltage.
(10)	+RC	Remote control terminals	Wire for remote control.
(11)	-RC		
(12)	---	Parallel operation switch	To operate in parallel, set the switch to the "PARALLEL" side.

*1. The fuse is located on the (L) side. It is not user-replaceable. For a DC input, connect the positive voltage to the L terminal.

*2. This is the protective earth terminal specified in the safety standards. Always ground this terminal.

Input and Output Connectors (Connector type)

		Applicable connector	Housing	Terminals	Applicable crimp tool
Input side	All models	CN110	B3P5-VH (LF) (SN)	VHR-5N	YC-160R
Output side	S8FS-G01524□□E S8FS-G03024□□E S8FS-G05024□□E	CN510	B4P-VH (LF) (SN)	VHR-4N	
	S8FS-G10024□□E S8FS-G15024□□E		B6P-VH (LF) (SN)	VHR-6N	
Manufacturer		J.S.T. Mfg. Co., Ltd.			

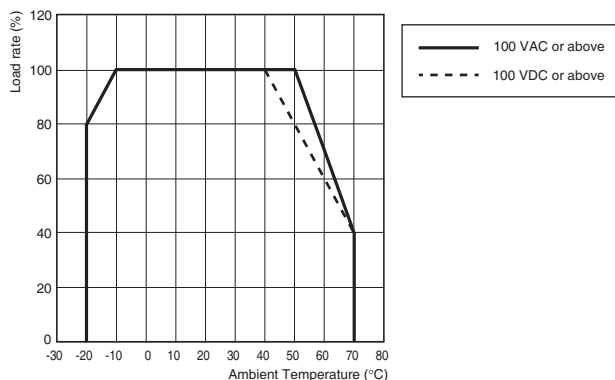
Note: The female connectors that are required for wiring are not provided with the Power Supply.

Engineering Data

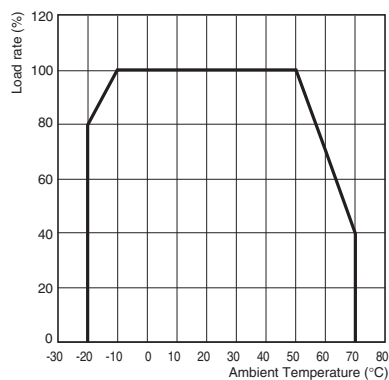
Derating Curves

Output Derating

15 W, 30 W, 50 W, 100 W, and 150 W



300 W and 600 W

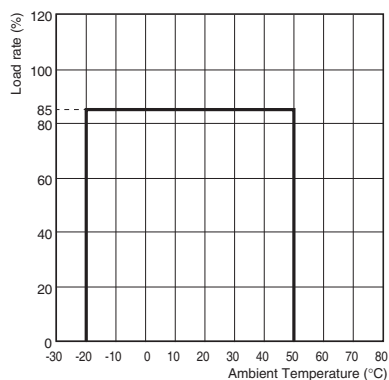


- Note: 1.** (For customers using the unit with an AC input)
At a voltage below 100 VAC, reduce the load below the range of the derating curve shown above by the solid line, at the rate of 1.3%/V.s ($40^{\circ}\text{C} < \text{Ambient temperature} \leq 70^{\circ}\text{C}$)
- 2.** (For customers using the unit with a DC input)
At a voltage below 100 VDC, reduce the load below the range of the derating curve shown above by the dashed line, by multiplying with the coefficient 0.9.

Note: At a voltage below 100 VAC, reduce the load at the rate of 1.3%/V.

Parallel Operation

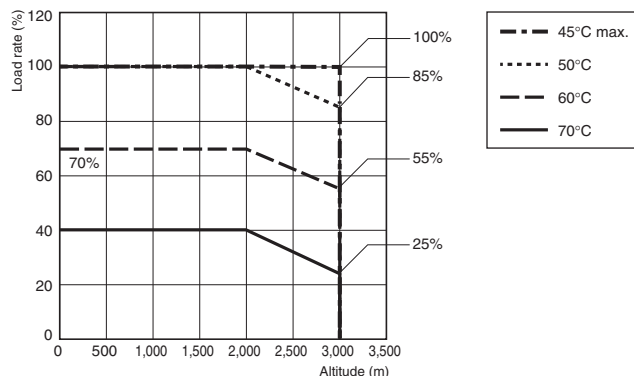
For Models with Parallel Operation Option



Note: At a voltage below 100 VAC, reduce the load at the rate of 1.3%/V.

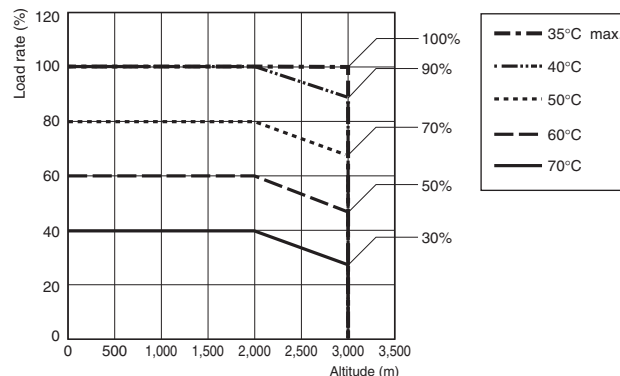
This Power Supply can be used at an altitude of 3,000 m.
 Between 2,000 and 3,000 m, derate the load according to the following derating curve.

15 W to 150 W (During an AC input)



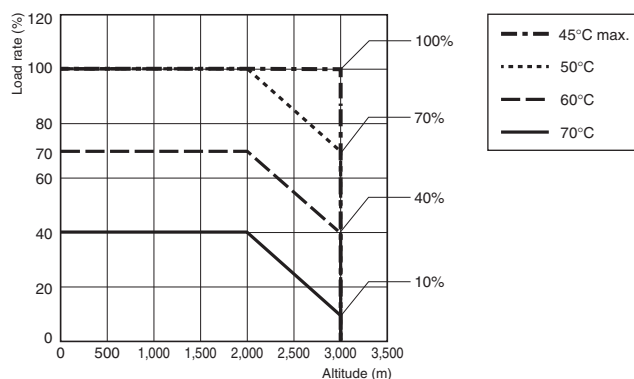
Note: At a voltage below 100 VAC, reduce the load at the rate of 1.3%/V. (40°C < Ambient temperature ≤ 70°C)

15 W to 150 W (During a DC input)



Note: At a voltage below 100 VDC, reduce the load by multiplying with the coefficient 0.9.

300 W and 600 W

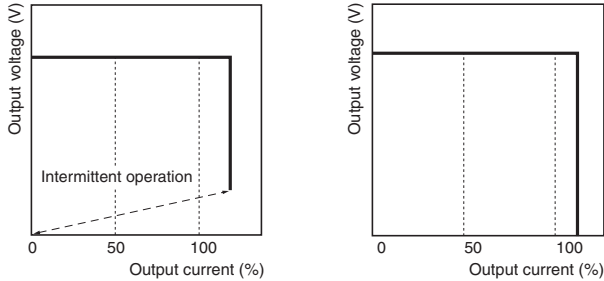


Note: At a voltage below 100 VAC, reduce the load at the rate of 1.3%/V.

Engineering Data

Overload Protection

The load and the Power Supply are automatically protected from overcurrent damage by this function. Overload protection is activated if the output current rises above 105 to 160% of the rated current. When the output current returns within the rated range overload protection is automatically cleared.



- Note: 1.** Internal parts may occasionally deteriorate or be damaged if a short-circuited or overcurrent state continues during operation.
- 2.** Internal parts may possibly deteriorate or be damaged if the Power Supply is used for applications with frequent inrush current or overloading at the load end. Do not use the Power Supply for such applications.

Overvoltage Protection

Consider the possibility of an overvoltage and design the system so that the load will not be subjected to an excessive voltage even if the feedback circuit in the Power Supply fails. If an excessive voltage that is 120% of the rated voltage or more is output, the output voltage is shut OFF. Reset the input power by turning it OFF for at least three minutes and then turning it back ON again.

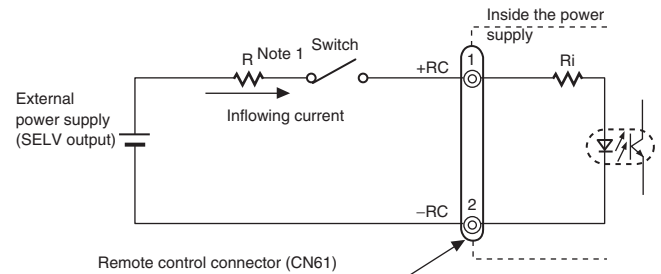
Overheating Protection (300 W and 600 W)

If the internal temperature of the Power Supply rises excessively as a result of fan failure or any other reason, the overheat protection circuit will be triggered to shut OFF the output voltage. To restore operation, turn OFF the input power supply long enough for the Power Supply to cool sufficiently and then turn it ON again.

Remote Control Function (Only Remote control)

This function is to turn ON/OFF the output by applying a voltage to the remote control connector from a DC power Supply (external power supply) other than this Power Supply.

Built-in resistance R_i (Ω)	Voltage between +RC and -RC (V)		Inrush current (mA)
	Output ON	Output OFF	
780	4.5 to 12.5	0 to 0.5	20 max.



Usage example of the remote control

Connectors used:

	CN61	Applicable connector	Applicable contact
Model	B2B-XH-AM	XHP-2	SXH-001T-P0.6 or SXH-002T-P0.6
Manufacturer	J.S.T. Mfg. Co., Ltd.		

Applicable crimp tool: YC-110R (J.S.T. Mfg. Co., Ltd.) or YRS-110 (J.S.T. Mfg. Co., Ltd.)

- Note: 1.** When the external power supply is 4.5 to 12.5 V, the current limiting resistor R is not required. When it is 12.5 to 24.5 V, insert 1.5 k Ω as the current limiting resistor R.
- 2.** Reverse connection of the connector may cause damage on the internal parts.
- 3.** The +RC and -RC terminals are the secondary circuit of the Power Supply. Use an SELV output power supply for an external power supply. The remote control circuit is insulated from the secondary output of the Power Supply (functional insulation).

Reference Value

	Value
Reliability (MTBF)	Single phase model
	15W: 970,000
	30W: 970,000
	50W: 880,000
	100W: 730,000
	150W: 620,000
	300W: 200,000
	600W: 190,000
Definition	MTBF stands for Mean Time Between Failures, which is calculated according to the probability of accidental device failures, and indicates reliability of devices. Therefore, it does not necessarily represent a life of the product.
Life expectancy	10 yrs. Min.
Definition	The life expectancy indicates average operating hours under the ambient temperature of 40°C and a load rate of 50%. Normally this is determined by the life expectancy of the built-in aluminum electrolytic capacitor.

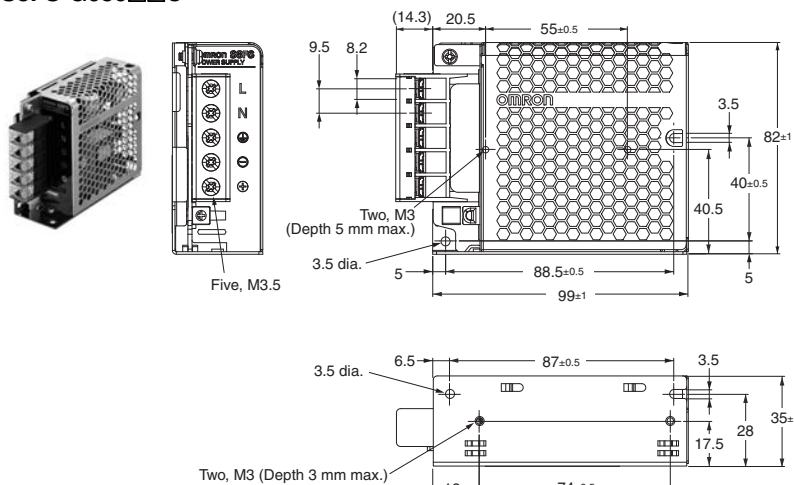
Dimensions

Power Supplies

15 W and 30 W

S8FS-G015□□C

S8FS-G030□□C

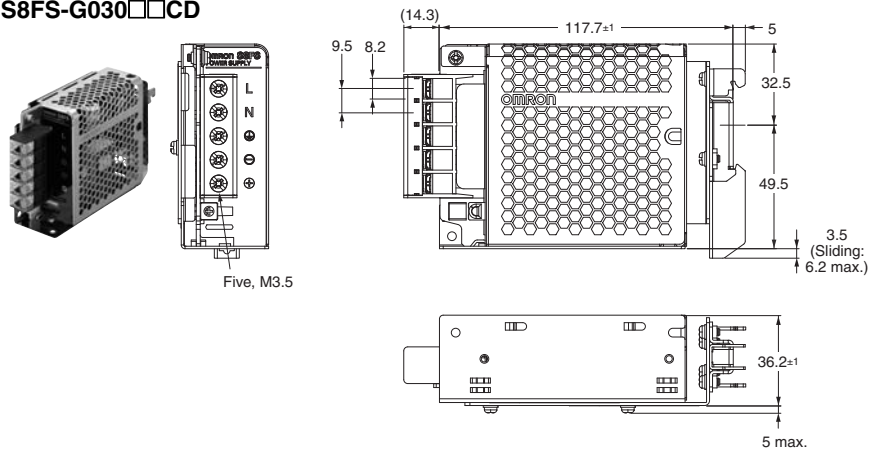


Panel mounting holes dimensions

	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting	Two, M3 	Two, 3.5 dia.
Bottom Mounting	Two, M3 	Two, 3.5 dia.

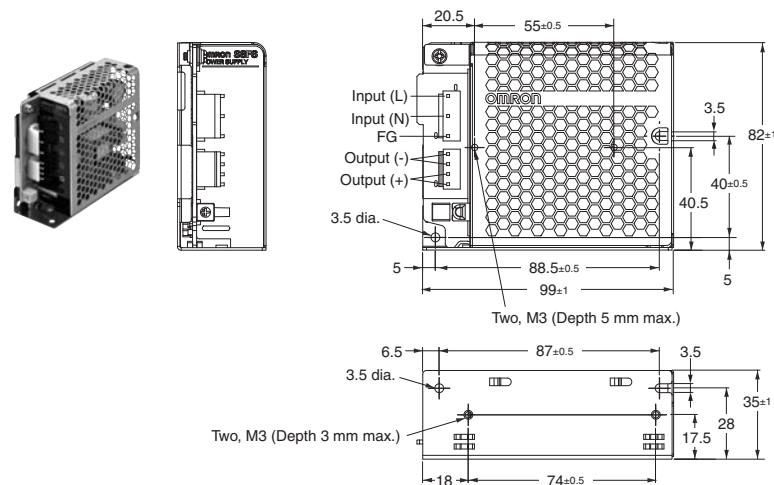
S8FS-G015□□CD

S8FS-G030□□CD



S8FS-G015□□E

S8FS-G030□□E



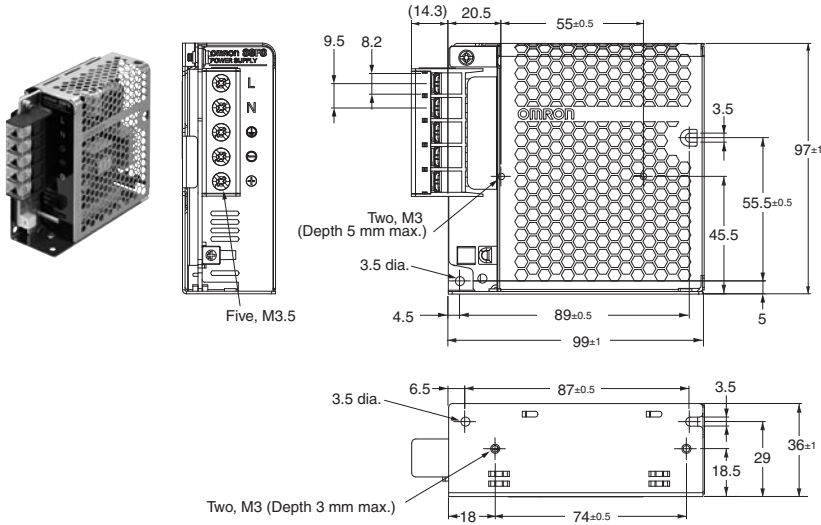
Panel mounting holes dimensions

	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting	Two, M3 	Two, 3.5 dia.
Bottom Mounting	Two, M3 	Two, 3.5 dia.

S8FS-G

50W

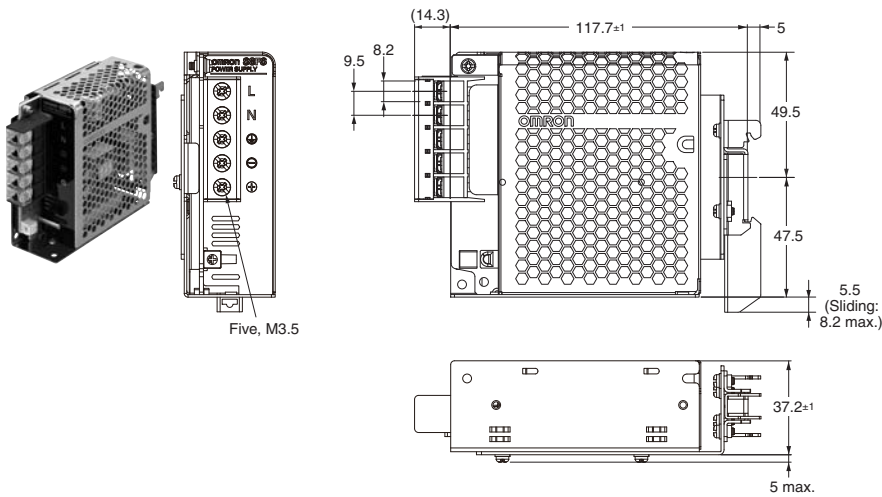
S8FS-G050□□C



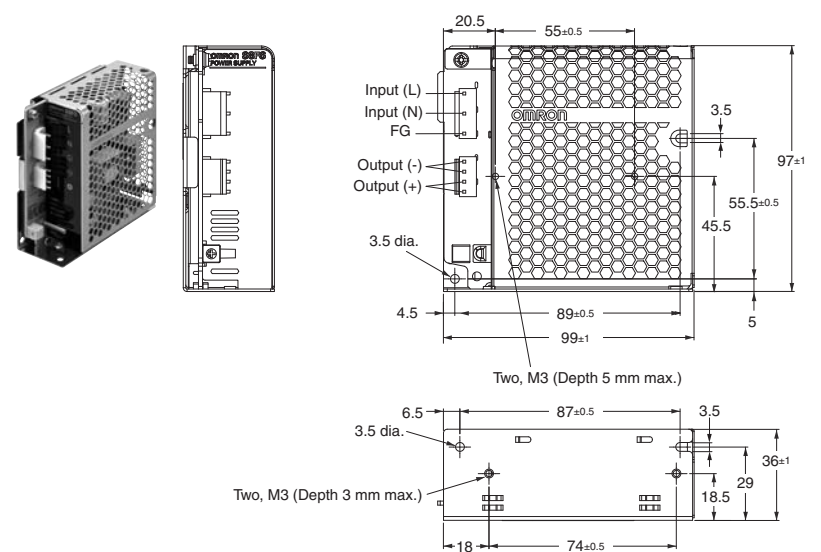
Panel mounting holes dimensions

	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting	Two, M3 89±0.5 55.5±0.5	Two, 3.5 dia. 55±0.5
Bottom Mounting	Two, M3 87±0.5	Two, 3.5 dia. 74±0.5

S8FS-G050□□CD



S8FS-G050□□E

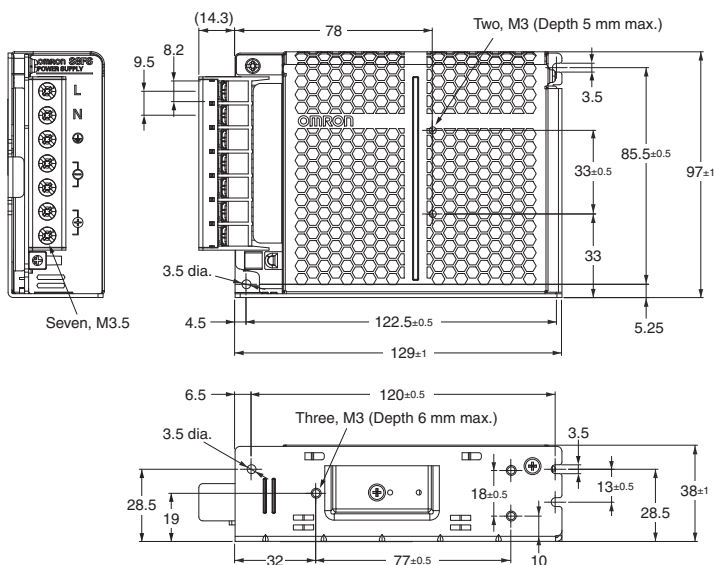


Panel mounting holes dimensions

	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting	Two, M3 89±0.5 55.5±0.5	Two, 3.5 dia. 55±0.5
Bottom Mounting	Two, M3 87±0.5	Two, 3.5 dia. 74±0.5

100W

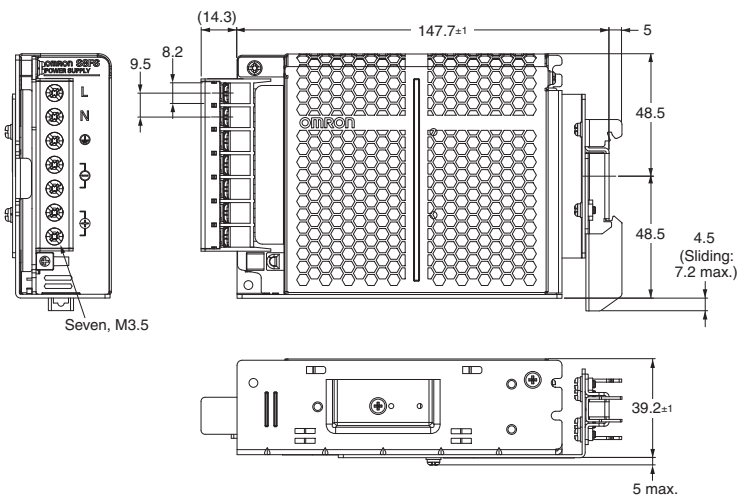
S8FS-G100□□C



Panel mounting holes dimensions

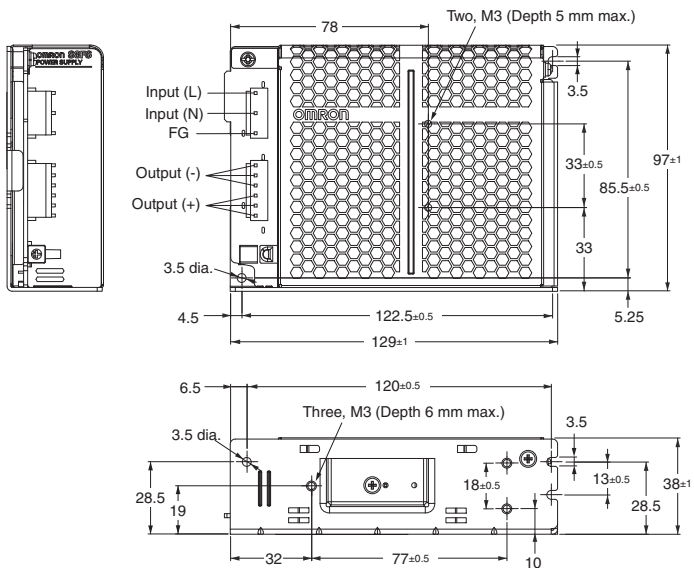
	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting		
Bottom Mounting		

S8FS-G100□□CD



S8FS-G

S8FS-G100□□E

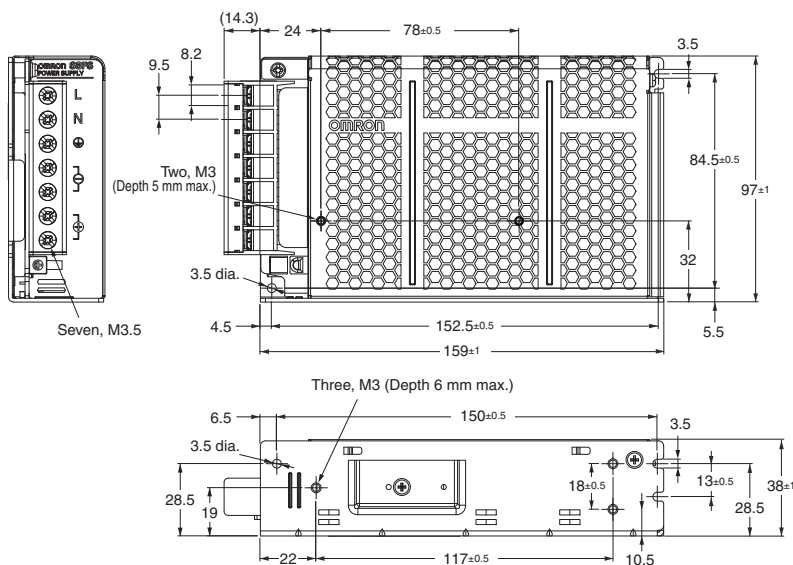


Panel mounting holes dimensions

	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting		
Bottom Mounting		

150W

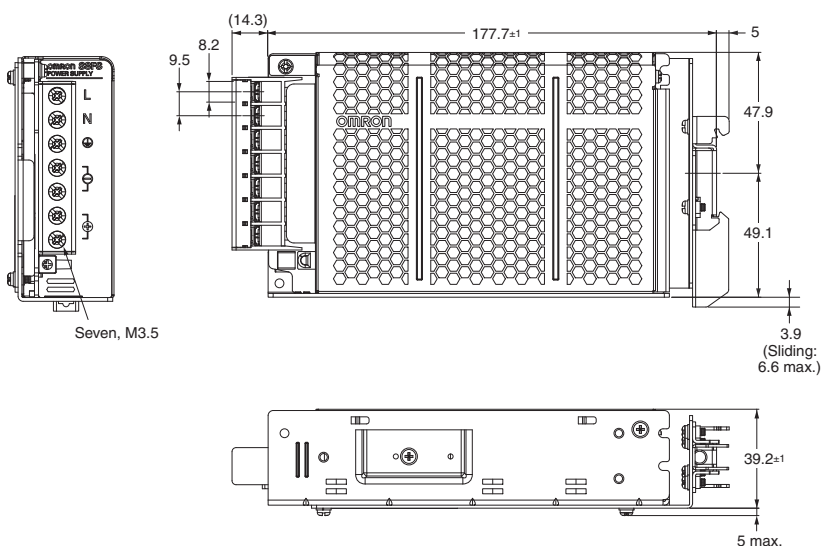
S8FS-G150□□C



Panel mounting holes dimensions

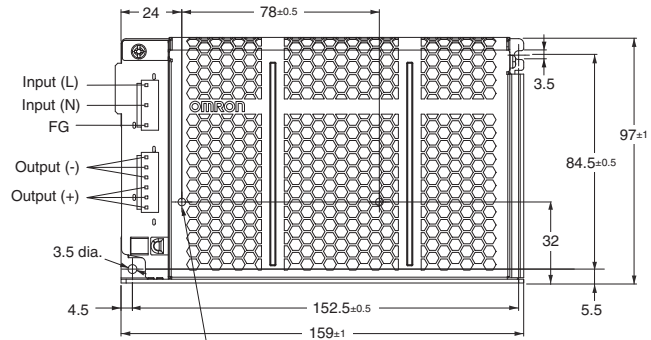
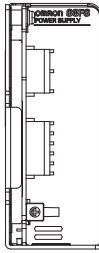
	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting		
Bottom Mounting		

S8FS-G150□□CD



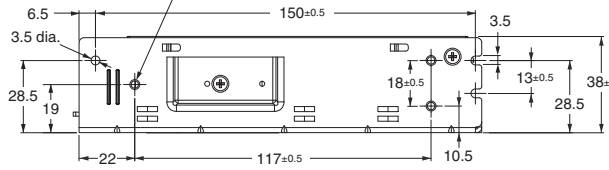
S8FS-G

S8FS-G150□□E



Two, M3 (Depth 5 mm max.)

Three, M3 (Depth 6 mm max.)

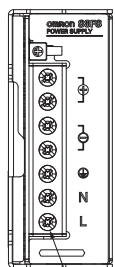


Panel mounting holes dimensions

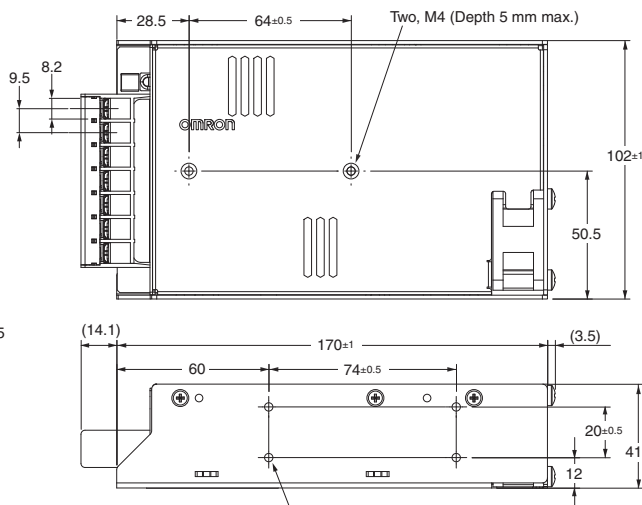
	Using the mounting holes in the Power Supply	Using the screw holes in the Power Supply
Side Mounting	<p>Two, M3</p>	<p>Two, 3.5 dia.</p>
Bottom Mounting	<p>Three, M3</p>	<p>Three, 3.5 dia.</p>

300W

S8FS-G300□□C



Seven, M3.5

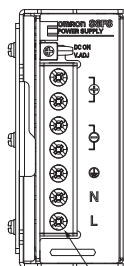


Four, M4 (Depth 5 mm max.)

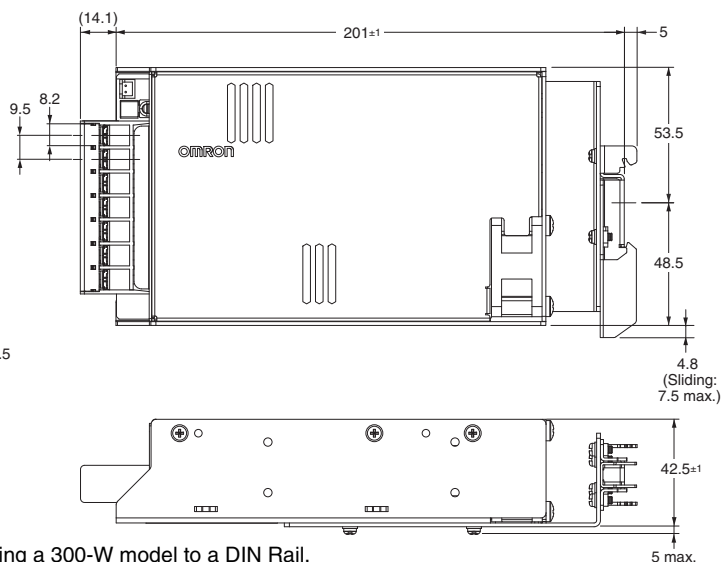
Panel mounting holes dimensions

Using the screw holes in the Power Supply	
Side Mounting	Two, 4.5 dia. 64±0.5
Bottom Mounting	Four, 4.5 dia. 74±0.5 20±0.5

S8FS-G300□□CD



Seven, M3.5



Note: Use a metal DIN Rail when mounting a 300-W model to a DIN Rail.