Item			Power rating	50 W				
			Output voltage (VDC)	5 V	12 V	15 V	24 V	48 V
Efficiency ✻			115 VAC input	79% typ.	83% typ.	84% typ.	86% typ.	87% typ.
			230 VAC input	80% typ.	84% typ.	85% typ.	86% typ.	87% typ.
Input	Voltage range ✻			Single phase 85 to 264 VAC, 120 to 370 VDC (The L terminal for the DC input is the positive side and safety standards do not apply.) (Derating is required according to the input voltage. Refer to *Derating Curves* on page 18.)				
	Frequency ✻			50 /60 Hz (47 to 450 Hz)				
	Current ✻		115 VAC input	0.97 A typ.				
			230 VAC input	0.59 A typ.				
	Power factor			---				
	Leakage current		115 VAC input	0.25 mA	0.25 mA	0.25 mA	0.25 mA	0.25 mA
			230 VAC input	0.60 mA	0.55 mA	0.55 mA	0.55 mA	0.55 mA
	Inrush current ✻ (for a cold start at 25°)		115 VAC input	16 A typ.				
			230 VAC input	32 A typ.				
Output	Rated Output Current			10 A	4.2 A	3.4 A	2.2 A	1.1 A
	Voltage adjustment range ✻			–10% to 10% (with V. ADJ)				
	Ripple & Noise voltage ✻		100 to 240 VAC input	80 mVp-p max.	110 mVp-p max.	100 mVp-p max.	100 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	0.03%/°C max.				
	Startup time ✻		115 VAC input	730 ms typ.	730 ms typ.	710 ms typ.	710 ms typ.	770 ms typ.
			230 VAC input	680 ms typ.	670 ms typ.	610 ms typ.	640 ms typ.	690 ms typ.
	Hold time ✻		115 VAC input	12 ms typ.	14 ms typ.	14 ms typ.	14 ms typ.	14 ms typ.
			230 VAC input	71 ms typ.	77 ms typ.	78 ms typ.	77 ms typ.	80 ms typ.
Additional functions	Overload protection			Yes, automatic reset				
	Overvoltage protection ✻			Yes, 115% 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 2 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 60°C (Derating is required according to the temperature. Refer to *Derating Curves* on page 17.) (with no condensation or icing)				
	Storage temperature			–40 to 85°C (with no condensation or icing)				
	Ambient operating humidity			20% to 90% (Storage humidity: 10% to 95%)				
	Vibration resistance			10 to 55 Hz, 0.375-mm half amplitude for 2 h each in X, Y, and Z directions 10 to 500 Hz, 0.26-mm half amplitude for 1 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 *Dimensions* on pages 20 and 24.				
	Weight			300 g max.				
	Cooling fan			No				
	Degree of protection			---				
Standards	Harmonic current emissions			Conforms to EN 61000-3-2, GB17625.1				
	EMI	Conducted Emissions		Conforms to EN 61204-3 Class B, EN 55011 Class B, GB9254				
		Radiated Emissions		Conforms to EN 61204-3 Class B, EN 55011 Class B, GB9254				
	EMS			Conforms to EN 61204-3 high severity levels				
	Safety Standards			Approved Standards UL : cURus UL 62368-1 (Recognition) OVC II Pol2 CSA: cURus C22.2 No62368-1 CCC: GB4943 Conformed Standards EN: EN 62368-1 OVC II Pol2 EAC (TR CU 004 / 2011, TR CU 020 / 2011) RCM (EN61000-6-4)				
	Marine Standards			No				
	SEMI			No				

✻ Refer to *Conditions* on page 12.