



SUNPOWER TECHNOLOGY CORP.
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SPQ-4300 / SPQ-4400

300~400W

For Industrial AT System



150 x 140 x 86 mm
 5.90 x 5.51 x 3.39 inch



Features:

- * High efficiency, high reliability
- * Built in EMI filter, low ripple noise
- * AC input 115V/230V Auto sensing optional
- * Over load, over voltage & short circuit protection
- * Built-in long life ball-bearing fan
- * 100% 50 burn-in test
- * UL, cUL, CB, CE certified
- * 1 years warranty

Specification:

INPUT	Voltage	90 ~ 132 VAC/115 V or 180 ~ 264VAC/230 V, Auto range or selected by switch.								
	AC Frequency	47 ----- 63 Hz								
	Current	SPQ-4300	<7.0A @115V / <3.5A @230V AC input, full load condition.							
		SPQ-4400	<10A @115V / <5A @230V AC input, full load condition. *115V included ac outlet 1A max ; 230V included ac outlet 0.5 max.							
	Inrush Current	SPQ-4300	<60A @115V / <100A @230V AC input, full load condition. Cold start at 25 ambient							
	SPQ-4400	<80A @115V / <120A @230V AC input, full load condition. Cold start at 25 ambient								
	Leakage Current	<1.5mA@264V AC input								
OUTPUT	MODEL No.	SPQ-4300				SPQ-4400				
		V1	V2	V3	V4	V1	V2	V3	V4	
	Voltage	+5V	+12V	-5V	-12V	+5V	+12V	-5V	-12V	
	Min. Load	3.0A	0.5A	0A	0A	3A	0.5A	0A	0A	
	Max. Load	30A	12A	0.5A	0.5A	40A	20A	0.5A	1A	
	Regulation	±3%	±5%	±8%	±10%	±3%	±5%	±8%	±5%	
	Ripple Noise (MAX.)	70mV	150mV	70mV	200mV	70mV	150mV	70mV	200mV	
	Efficiency (TYP.)	70%	70%	70%	70%	70%	70%	70%	70%	
	Max Power	300W				400W				
PROTECTION	Over Voltage	+5.8~7.0V	---	---	---	+5.8~7.0V	---	---	---	
	Over Load	Over 105% ~ 150% of rating , recovers automatically after fault condition has been removed.								
	Short Circuit	Shutdown and latch off, Them should be turn-off and on the ac input again to restart the power supply.								
	Power good signal	Power ON within 100---500ms, high level TTL Signal release.								
OTHERS	Rise time	<20mS								
	Hold up time	>20mS@230V								
	Setup time	<800mS@115VAC, <1000mS@230VAC								
	Cooling	Forced airflow cooling with 37 CFM (min.) DC FAN								
Environment	Temperature	Operating: -10~70 , De-rating: 50 ~ 70 : 2.5%/ , Storage: -10 ~ +75								
	Humidity	Operating: 20% ~ 85% , Storage: 10% ~ 95% (non condensing)								
M.T.B.F.	280K hours									
SAFETY	UL 1950 3 rd , CSA C22.2 No.950 approved , TUV EN 60950 , IEC 60950 , EMKO-TSE(74-SEC)207/94 standard.									
EMC	EMI	EN 55022 CLASS B, FCC CFR 47 PART 15 CLASS B, CNS 13438 CLASS B.								
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.								
PACKING	N.W.: 2.1KG / 1pc; 10pcs / 1.95 Cu ft ³ / 1 CTN									



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Dimension:

(Unit: mm)

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