



SUNPOWER TECHNOLOGY CORP.
 16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
 TEL: 886-2-8226-3100 FAX: 886-2-8226-3111
 http://www.sunpower.com.tw
 E-mail: sunpower@sunpower.com.tw

SPQ-4200 / 4250 / 4300 / 4400

200~400watts ,
AC-DC Power Supply
For Industrial AT System



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



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, CSA, TUV, CE certified
- * 1 years warranty

Specification:

Model		SPQ-4200	SPQ-4250	SPQ-4300	SPQ-4400	
Voltage		90 ~ 132 VAC/115 V or 180 ~ 264VAC/230 V, selected by switch.				
Frequency		47 ----- 63 Hz				
INPUT	Current	<4.2A@115V AC <2.0A@230V AC	<5.2A@115V AC <2.6A@230V AC	<7.0A@115V AC <3.5A@230V AC	<10A@115V AC <5.0A@230V AC	
	Full load condition. * 115V included AC outlet 1A MAX, 230V included AC outlet 0.5A MAX.					
	Inrush Current	<45A@115V AC <80A@230V AC		<60A@115V AC <100A@230V AC	<80A@115V AC <120A@230V AC	
Leakage Current		Full load condition. <1.5mA@264V AC input				
OUTPUT	Voltage	V1 +5 V	V2 +12 V	V3 -5 V	V4 -12 V	
	Min. Load	3.0 A	0.5 A	0 A	0 A	
	Max. Load	SPQ-4200	20 A	8.0 A	0.5 A	0.5 A
		SPQ-4250	25 A	10 A	0.5 A	0.5 A
		SPQ-4300	30 A	12 A	0.5 A	0.5 A
		SPQ-4400	40 A	20 A	0.5 A	1.0 A
	Regulation	± 3 %	± 5 %	± 8 %	±10%(SPQ-4400: ± 5%)	
Ripple Noise (MAX.)	70 mV	150 mV	70 mV	200 mV		
Efficiency (MIN.)	SPQ-4200 : 75 % ; SPQ-4250, SPQ-4300, SPQ-4400 : 70%					
PROTECTION	Over Load Protection	Over 105% ~ 150% of rating, shutdown and latch off.				
	Short Circuit Protection	shutdown and latch off.				
	TTL Signal	Power Good Signal				
OTHER	Rise time	<20mS				
	Hold up time	>20mS@230V				
	Cooling	Forced airflow cooling with A DC FAN.				
ENVIROMENT	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					
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.: 1.7Kg / 1 pc; 10pcs / 2.3 Cu ft ³ / 1Ctn;					



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