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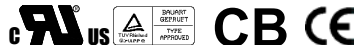
SPU-100-D Series

100W, Dual Output

U Bracket Power Supply



133.4 x 84 x 38mm
5.26 x 3.30 x 1.50inch



Features:

- * Light weight, compact size
- * High efficiency, high reliability
- * Built in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * 100% 50°C burn-in test
- * UL, cUL, TUV, CB, CE approved
- * 2 years warranty

Specification:

INPUT	Voltage	Universal input 90 ~ 264 VAC					
	Frequency	47 ----- 63 Hz					
	Current	<3A@100V AC input					
	Inrush Current	<30A@115V / <60A@230V AC input					
	Leakage Current	<1mA@264V AC input					
OUTPUT	MODEL	SPU-100-D1		SPU-100-D2		SPU-100-D3	
	Voltage	V1	V2	V1	V2	V1	V2
		+5V	+12V	+5V	+24V	+24V	+5V
	Min. Load	2A	0A	2A	0A	0.2A	0A
	Max. Load	20A	2.5A	20A	2A	4.2A	2A
	Regulation	±3%	-6% ~ +2%	±3%	±4%	±2%	±3%
	Ripple Noise(MAX.)	50mV	80mV	50mV	120mV	120mV	50mV
	Efficiency(MIN.)@115V	74%		75%		77%	
PROTECTION	Over Voltage Protection	+5.8 ~ +7.0V	---	+5.8 ~ +7.0V	---	+27.6 ~ +33.6	---
	Over Load Protection	Over 105% ~ 180% of rating, shutdown and Auto recovery after fault condition has been removed.					
	Short Circuit Protection	Shutdown and Auto recovery after fault condition has been removed.					
OTHERS	Rise time	<20mS					
	Hold up time	>16.7mS@115V; >80mS@230V					
	Cooling	Natural Cooling, when output exceed 80W, a 16 CFM(min.) DC fan is required.					
Environment	Temperature	Operating: -10~70°C; De-rating: 40°C ~70°C : 2.5%/°C. Storage: -10~+75°C					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.		267K hours					
SAFETY		UL 1950, CSA C22.2 No.950-95, TUV EN 1950, IEC 60950, EMKO-TSE (74-SEC) 207/94 approved					
EMC	EMI Standards	EN 55022 CLASS B · FCC CFR 47 PART 15 CLASS B · CNS 13438 CLASS B.					
	EMS Standards	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.					

