

**SUNPOWER TECHNOLOGY CORP.**

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SPU-150-Q Series

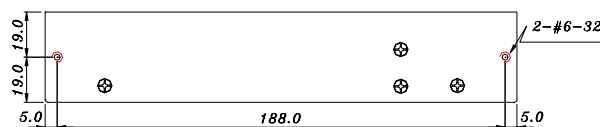
Enclosed Power Supply 150W, Quad Output

197 x 97 x 38mm
7.76 x 3.82 x 1.50inch**Specification:**

- * Light weight, compact size
- * High efficiency, high reliability
- * AC input 90-132 VAC or 180~264VAC, auto sensing
- * 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 standard
- * 2 years warranty

Specification:

INPUT	Voltage	AC input 90-132 VAC or 180~264VAC, auto sensing															
	Frequency	47 ----- 63 Hz															
	Current	≤3.8A @ 115V; ≤2.3A @ 230V AC input, full load condition															
	Inrush Current	≤35A @ 115V; ≤70A @ 230V AC input, full load condition. Cold start at 25℃ ambient															
	Leakage Current	<1.5mA@264V AC input															
OUTPUT	Model No.	SPU-150-Q1				SPU-150-Q2				SPU-150-Q3				SPU-150-Q4			
	Voltage	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4
		+5V	+12V	-12V	-5V	+5V	+15V	-15V	-5V	+5V	+12V	-12V	+24V	+5V	+15V	-15V	-5V
	Min. Load	1A	0.5A	0A	0A	1A	0.5A	0A	0A	1A	0.5A	0A	0A	1A	0.5A	0A	0A
	Max. Load	25A	10A	1.5A	1A	20A	8A	1.5A	1A	20A	8A	1.5A	2A	20A	4A	1.5A	2A
	Regulation	±5%	±5%	±10%	±5%	±5%	±5%	±10%	±5%	±5%	±5%	±10%	±5%	±5%	±10%	±10%	±5%
	Ripple Noise(max)	50mV	150mV	240mV	100mV	50mV	150mV	300mV	100mV	50mV	150mV	240mV	240mV	50mV	150mV	300mV	100mV
	Efficiency (typ)	72%				75%				72%				72%			
Max Power	150W				150W				150W				150W				
PROTECTION	Over Voltage Protection	V1: +5.8V~+7.0V				V1: +5.8V~+7.0V				V1: +5.8V~+7.0V				V1: +5.8V~+7.0V			
		Shutdown when over voltage. Recovers automatically after fault condition has been removed.															
	Over Load Protection	Shut down when output power reach 105% ~ 180% of rating. Recovers automatically after fault condition has been removed.															
	Short Circuit Protection	Shutdown when short circuit. Recovers automatically after fault condition has been removed.															
OTHERS	Rise time	≤20mS															
	Hold up time	≥20mS@230V															
	Cooling	Natural cooling. When output exceed 100W, a 25CFM (min.) fan is required															
Environment	Temperature	Operating: 0~70℃; derating: 45℃ ~70℃ : 2.0%/℃. Storage: -10~+75℃															
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)															
M.T.B.F.		184K hours															
SAFETY		Meet UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94															
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.															
	EMS	EN 50082-1 (1997)															
Packing:		N.W.: 0.85kg/1pc; 24PCs/1.22Cuft3/1ctn															

Dimension:TERMINAL BLOCK : I/P 3P, PITCH 9.5 mm. (STANDARD)
O/P 7P, PITCH 9.5 mm. (STANDARD).
HEADER : FAN-JST B 2B-XH-A or COMPATIBLE. P=2.5mm