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SDU-100BD

U Bracket Power Supply
 100W Dual Output, 18~56VDC Input



133.5 x 84 x 38 mm
 5.26 x 3.3 x 1.5 inch

Features:

- Low inrush current, soft start function
- Input & output isolation
- Input polarity reverse protection
- Input under / over voltage protection
- Over load, over voltage & short circuit protection
- FR4 glass epoxy double side circuit board, meet UL -94V0
- 100% 50 burn-in test
- UL, cUL certified (SDU-100BD1), Meet TUV, CB, CE standard
- 2 years warranty

Specification:					
INPUT	Voltage	DC 18V ~ 56V			
	Current	8A max at 18V DC input, full load condition			
OUTPUT	Model No.	SDU-100BD1		SDU-100BD2	
	Voltage	V1	V2	V1	V2
		+5V	+12V	+5V	+24V
	Min. Load	2A	0A	2A	0A
	Max. Load	16A	2.2A	16A	1.5A
	Regulation	±3%	+2%~6%	±3%	+2%~6%
	Ripple Noise (max)	50mV	80mV	50mV	120mV
	Efficiency (typ)	72%			
	Max Power	Natural cooling: 80W; forced air cooling: 100W			
PROTECTION	Input	Fuse, 12A/125V			
	Over Load	Shut down when over 115% ~ 180% of rating. Recovers automatically after fault condition has been removed.			
	Over Voltage	Shut down when V1 over +5.8V ~ +7.0V. Recovers automatically after fault condition has been removed.			
	Short Circuit	Shut down when short circuit. Recovers automatically after fault condition has been removed.			
OTHERS	Rise time	<20mS			
	Cooling	Natural Cooling; when output exceed 80W, a 16CFM (min.) DC fan is required.			
Environment	Temperature	Operating: 0~70 ; derating: 45 ~70 : 2.5%/ . Storage: -40~+85			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.		SDU-100BD1: 275K hours; SDU-100BD2: 270K hours			
SAFETY		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)			

Dimension:

