



SUNPOWER TECHNOLOGY CORP.
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SDS-200 Series

200W, Single Output
 19V -- 32V



198 x 99 x 50 mm
 7.80 x 3.90 x 1.97 inch

Features:

DC Input 19V — 32V
Inrush current limitation soft start function
Input & output isolation
Input polarity reverse protection
Input under / over voltage protection
Over load, over voltage & short circuit protection
Over temperature protection (optional)
Remote control ON/OFF (optional)
Output voltage $\pm 10\%$ adjustment
100% 50 burn-in test
Meet UL, cUL, TUV, ,CB, CE standard
2 years warranty

Specification:

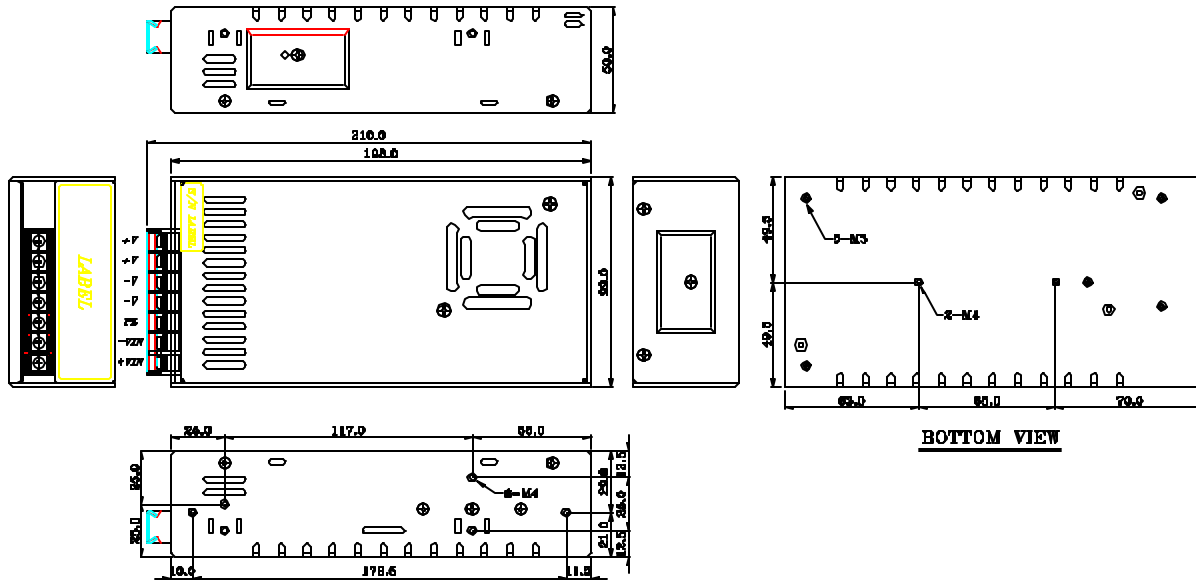
Model No.	SDS-200B3.3	SDS-200B05	SDS-200B7.5	SDS-200B12	SDS-200B15	SDS-200B24	SDS-200B27	SDS-200B48
Voltage	3.3V	5V	7.5V	12V	15V	24V	27V	48V
Min. Load	0A							
Max. Load	40A	40A	26.7A	16.7A	13.3A	8.3A	7.4A	4.2A
Regulation	$\pm 3\%$	$\pm 2\%$		$\pm 1\%$				
Ripple Noise (max)	50mV	70mV	90mV	100mV	120mV	150mV	180mV	250mV
Efficiency (typ)	69%	73%	74%	75%	76%	77%	80%	
MAX OUTPUT WATTAGE	132W	200W						
Voltage	DC 19V ~ 36V (Typical 24V)							
Current	<15A @ 19V DC input, full load condition							
Inrush Current	<30A @ 24V DC input, full load condition							
Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.							
Over Voltage Protection	3.8V ~ 4.6V	5.8V ~ 7.0V	8.6V ~ 10.5V	13.8V ~ 17.5V	17.3V ~ 21V	27.6V ~ 33.6V	31.1V ~ 37.8V	55.2V ~ 67.2V
Over Tem Protection	Optional, shutdown when the temperature of power supply reach 95							
Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.							
Rise time	<20mS							
Remote Control On/Off	Optional. RC+/RC- : 0~0.7V=Power On; 5~10V=Power Off. Sink Current: 3~10mA							
Cooling	A 16CFM (min.) DC Fan.							
Temperature	Operating: 0~70 ; derating: 45 ~70 : 2.5%/ . Storage: -10~+75							
Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	227K hours							
SAFETY	Meet UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94							
EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.							
EMS	EN 50082-1 (1997)							
PACKING	N.W.: 1.0Kg / 1pc; 18pcs / 1.38 Cu ft ³ / 1 CTN							



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Dimension:

SDS-200 Series



Terminal Block: 7P, Pitch 9.5mm with PC cover.

Remote control (option): JST S 2B-XHA or equivalent