



SUNPOWER TECHNOLOGY CORP.
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SDS-035 Series

35W, Single Output
 12V / 24V / 48V Input



99 x 82 x 35mm
 3.90 x 3.23 x 1.38inch

Features:

Power ON with LED indicator
2:1 input range, input and output isolation
Soft start function, low Inrush current
Input polarity reverse protection
Over load, over voltage, short circuit shutdown and Auto recovery
Non min. load requirement
Output voltage $\pm 10\%$ adjustment
100% 50 burn-in test
Meet UL, cUL, TUV standard
3 years warranty

Specification:

Model NO.	SDS-035A Series			SDS-035B Series			SDS-035C Series	
INPUT	9.5 ~ 18V DC (Typical 12V)			18 ~ 36V DC (Typical 24V)			36 ~ 72V DC (Typical 48V)	
	<4.8A @ 9.5V DC			<2.6A @ 18V DC input			<1.3A @ 36V DC input	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	18V	24V	48V
	Min. Load	0A						
	Max. Load	8A	7A	4.6A	3A	2A	1.5A	0.75A
	Regulation	3%	2%				1%	
	Ripple Noise (MAX.)	40mV	50mV	75mV	100mV		200mV	250mV
	OVP	+3.8V ~ +4.6V	+5.8V ~ +7.0V	+8.6V ~ +10.5V	+13.8V ~ +17.5V	+20.7V ~ +25.2V	+27.6V ~ +33.6V	+55.2V ~ +67.2V
	Efficiency (MIN.)	68%	70%	70%	74%	74%	76%	78%
	Remark	*1.SDS-035B Series don't have 7.5V output. *2.Only SDS-035C Series has 18V output.						
PROTECTION	Over Voltage Protection	✓						
	Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.						
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.						
OTHERS	Rise time	<20mS						
	Cooling	Natural cooling						
Environment	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.	417K hours							
SAFETY	UL 60950-1 st , CSA C22.2 No.60950-1-03 1 st , TUV EN 60950-1 st , IEC 60950-1 st , 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.						



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Dimension:

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