



SYD1114

CAR ADAPTER

72~90W

Country of Origin : China
 Operating Temperature : 0 ~ 40°C
 Dimension : 138.5x61x32.5 mm
 Approvals / Marks: CE, E-Mark
 Net Weight: 300 g



Features:	
Wide range 11~28VDC for car and truck batteries	
Overload, Over Voltage & Short Circuit protection	
1 year warranty	

Specification:										
	MODEL	Voltage	Min. Load	Max. Load	Tolerance	Ripple& N.	OCP	OVP	Efficiency	Max. Power
OUTPUT	SYD1114-7216	16V	0A	4,5A	±5%	240mV			85%min	72W
	SYD1114-9019	19V	0A	4,75A	±5%	240mV			85%min	90W
	SYD1114-9020	20V	0A	4,5A	±5%	240mV			85%min	90W
INPUT	Voltage	11~28VDC								
	Input Current	12A								
	Input protection	20A Fuse								
	Surge Current	40A @ cold start and 25°C ambient								
PROTECTION	Overload OCP	Fold back								
	Over Voltage OVP	Voltage limit								
	Short Circuit	Output shorting up to 20s								
	No load Operation	Yes, to protect the power supply and system from damage								
OTHERS	Set Up Time	200ms max. @ AC low line input and output full load								
	Hold Up Time	10ms @ AC nominal input and output full load								
	Cooling	Free air convection								
	Withstand Voltage	HI-POT B/ I/P-O/P: 3KVAC/ 10mA/ 1 minute								
	Power Consumption	Max. 0,6W @ AC nominal Input and Output min. load								
	Input Fuse	1A protected against power line surges and any abnormal conditions								
	Vibration	Frequency 5-20-500 / 30 minutes – X,Y,Z axis – 1G								
ENVIRONMENT	Temperature	Operating: 0~40°C / Storage: -20~85°C								
	Humidity	Operating: 8%~90% RH / Storage: 5%~95% RH								
CONNECTION	Cable	180cm (6ft.)								
	Output	Plug: Standard: 2,5x5,5x11mm (Spring Loaded Center "+") or customer requirement								
MTBF	>35 000 hours									
SAFETY	CE, E-Mark									
EMC	EMI	EN55022 CLASS B / FCC PART 15 SUB PART B CLASS B / EN61000-3-2,3								
	EMS	EN55024 / IEC61000-4,2,3,4,5,6,8,11								

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