

Country of Origin : China  
 Operating Temperature : 0 ÷ 40[°C]  
 Dimension : 139 x 61 x 33[mm]  
 Car adapter DC-DC convertor

RoHS

Approvals / Marks :



### Features:

Vehicle battery adapter for a car & truck (M<sub>1</sub>, M<sub>2</sub>, M<sub>3</sub>, N<sub>1</sub>, N<sub>2</sub>, N<sub>3</sub>, O<sub>1</sub>, O<sub>2</sub>, O<sub>3</sub>, O<sub>4</sub>)

Wide range Input (11 ~ 28)VDC.

Output current & output Voltage protection.

Power ON LED.

Universal model for most of notebooks on the market.

For I.T.E. use only + RoHS conform.

### Specification:

		OUTPUT							
	Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Tol. [%]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector [mm]
	SYD1114-9019	19	0	4.75	±5	>85	90	240	"A.T.U.M.E."
OEM	Per order output	12V/6.25A   15V/5A   16V/4.7A   18V/4.2A   19V/4A   22V/3.4A   24V/3.2A   12V/6.7A   15V/5.7A   17V/5A   19V/4.7A   20V/4.5A   22V/4.09A   24V/3.75A							
	(*) DC Connectors	"A" — 1.7 x 4.75 x 11.0 (black) "T" — 1.7 x 4.75 x 10 (conical) "U" — 1.7 x 5.5 x 10.5				"M" — 2.5 x 5.5 x 12.5 (yellow) "E" — 4.4 x 6.0 x 10.5 (black)			
INPUT	Voltage	(11 ~ 28)VDC							
	Current	12A <sub>DC</sub>							
	Surge Current max.	40A <sub>max.</sub>							
	Power ON Led	Yes							
	Turn on delay	3s max. @ low line input @ output full load							
	MTBF Qualification	> 35K hours							
	DC cable & connector	Standard length of the cable 1.8m & It depends on customer requirements and upon specifications							
	Efficiency (Normal)	>85% typical @ input & Full load							
	Input Fuse	12A protected against power line surges and any abnormal conditions							
PROTECTION	Short Circuit	The power supply shall be protected from damage of accidentally shorting output for a period of up to 20 seconds. These outputs shall also be protected from damage of accidentally shorting either of output to return or chassis for a period of up to 20 seconds.							
	Output current & Output voltage	Overload conditions shall cause both the output current and the output voltage to decrease. Removal of an output overload conditions shall permit automatic recovery of the output voltage.							
	Ground	Negative							
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C							
	Humidity	Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing							
SAFETY		E13							
	E13	Yes   E13*10R00*10R02*2570*00							
WEIGHT	1pc	N.W.: 0.519kg / pc							
PACKING	Box	0.48 x 0.26 x 0.44 [m]							
		24pcs / 1box							
		G.W.: 13.7 kg / box							