



41~72W Vehicle power adapter DC to Dc power supply < ED1058



Features

- Wide Input Range
- RoHS Compliance
- Input Voltage Protection Installation
- Over Current Protection Installation
- Over Temperature Protection Installation
- Short Circuit Protection Installation
- 100% Burn-In
- LED Indication
- MTBF: >50,000 hours

ED1058 xx - vv

xx: DC Input Type:

vv: Specified output voltage, ie 12 is 12Vdc

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vo)	LOAD		LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
				MIN. (Io)	MAX. (Io)			
ED1058	41W	11~36V	10.25V	0	4A	± 5%	± 1%	200mV
ED1058A	72W	11~36V	5~12V	0	6.0A	± 5%	± 1%	240mV

NOTE:

- 1 : Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Max. Output Power (W) $\geq V_o \times I_o$

Electrical Specifications

INPUT

- Input Range 11 to 36 Vdc
- Input Current 6A Max.
- Inrush Current No Damage to relative components
- Efficiency 80% Min. Nominal input

OUTPUT

- Over Current Protection Auto Recovery
- Over Temperature Protection Auto Recovery

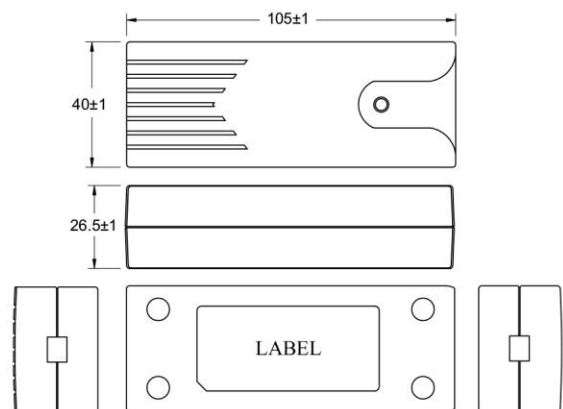
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

SAFETY

- FCC

Mechanical Specification



- Case Size: 105L x 40W x 26.5H (mm)
- DC Input: Cigarette Lighter with UL1185 dc cable.
- Weight: 220g