



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 PP

xx: DC Input Type:

91 for EDACPOWER standard cigarette lighter

vv: Specified output voltage, ie 12 is 12Vdc

PP: Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

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) ≥Vo x Io

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

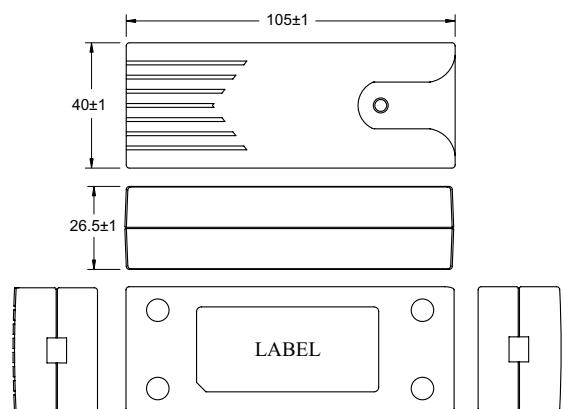
ENVIRONMENTAL

- 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