



**45W Vehicle power adapter DC to Dc power supply < ED1046**



**Features**

- Wide Input Range
- RoHS Compliance
- Input Voltage Protective Installation
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF > 30,000 hours

**ED1046 xx - vv**

**xx:** Output Voltage  
**vv:** Specified output voltage. ie 24 is 24Vdc

**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)			
ED1046	45W	11V~32V	20V	0A	2.25A	± 5%	± 1%	360mV
ED1046A	45W	11V~32V	20V	0A	2.25A	± 5%	± 1%	360mV

**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 32 Vdc
- Input Current ≤ 6.3A
- Inrush Current No Damage to relative components
- Efficiency 88% Typ.
- Turn On Time ≤ 3S

**OUTPUT**

- Over Voltage Protection Auto Recovery
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Auto Recovery

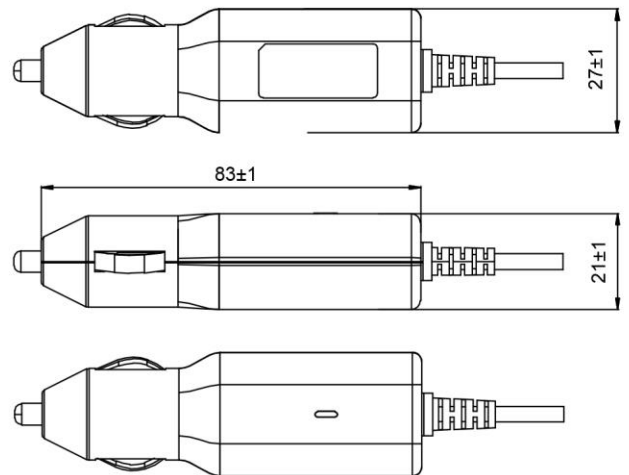
**ENVIRONMENTAL**

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

**SAFETY**

- CE, FCC

**Mechanical Specification**



- Case Size: 83L x 27W x 21H (mm)
- Weight: 40g