



10W Car Charging Adapter for Portable Electronics CLM10D is Compliant with US and EU Vehicle Standards



Features

- High Efficiency
- Robust Design
- Compliant with EU Vehicle Standards
- Battery Charging

Applications

- Portable Electronics
- Mobile Phones

Safety Approvals

- CE
- FCC
- C-Tick
- E-Mark

Mechanical Characteristics

- Length: 85.28mm (3.36in)
- Diameter (at tip): 19.3mm (0.76in)
- Diameter (at cord): 30.48mm (1.2in)
- Weight: 81.7g (2.88oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)
		Min.	Max.	
CLM10D-050(A)-R	5.15V	0A	2.0A	100mVp-p

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Input:**AC Input Voltage Range**

10 to 30V DC (12 Volts Nominal)

Input Current $\leq 30\text{mA}$ at no load (12V Input) $\leq 1.40\text{A}$ at no load (10V Input) $\leq 1.44\text{A}$ at no load (30V Input)**Output:****Output Power**

10W

Efficiency

80% minimum at maximum load and 12V

Rise time:

<50mSec.

Input Over-Voltage

Fuse will blow with no damage to unit

Output Over-Voltage

By Zener clamping

Reverse Polarity Protection

Fuse will blow with no damage to unit

Short-Circuit Protection

Current limiting without damage to unit

Environmental:**Temperature**

Operation -20 to 60°C

Non-operation -40 to 85°C

Operating Humidity 0 to 95%

MTBF

100K Hours Minimum at full load and ambient 25°C

DC Output Connector

2.1mm x 5.5mm x 9mm Center Positive Barrel

DC Cord

1.61 Meters (extended)

Dimension Diagram Unit: mm