



Dual Output Car Charging Adapter for Portable Electronics CLM10D has Outputs via Micro USB and USB-A Connectors



e13

Features

- High Efficiency
- Compliant with EU Vehicle Standards
- Dual Output
- Robust Design
- Battery Charging (2 Devices Simultaneously)

Applications

- Portable Electronics
- Tablets
- Mobile Phones
- Peripherals

Safety Approvals

- E-Mark

Mechanical Characteristics

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

Output Specifications

Model ⁽¹⁾	DC Output Voltage	Load		Ripple P-P (max.)
		Min.	Max.	
CLM10D-203(M)-R	5V	0A	1.8A ⁽²⁾	100mVp-p
		0A	0.2A ⁽³⁾	

Notes: (1) Model is dual output with 5V on each output.
 (2) Output 1 via Micro-B USB
 (3) Output 2 via USB A Connector

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Input:

AC Input Voltage Range

10 to 30V DC (12 Volts Nominal)

Input Current

≤30mA at no load (12V Input)

≤1.40A at no load (10V Input)

≤1.44A at no load (30V Input)

Output:

Output Power

10W combined

Efficiency

75% 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

Over-Current Protection

The unit will go into current limit without damage

Environmental:

Temperature

Operation -20 to 55°C

Non-operation -40 to 85°C

Operating Humidity 0 to 95%

Output Connectors

Output 1: Micro B USB Connector

Output 2: USB Type A

DC Cord

1.61 Meters (extended)

Dimension Diagram Unit: mm

