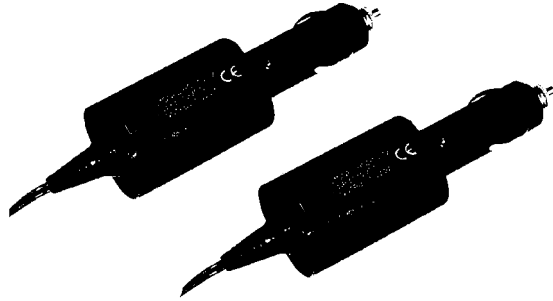


DC-DC CONVERTER CAR ADAPTOR SINGLE OUTPUT 8, 15 WATTS POWER SUPPLIES MODEL NO. APS08CD & APS15CD SERIES



FEATURES:

- CIGARETTE-LIGHTER SOCKET PLUG-IN CAR ADAPTOR
- COMPACT & IMPACT RESISTANT THERMOPLASTIC ENCLOSURE
- HIGH EFFICIENCY BUCK CONVERTER
- NOISE & RIPPLE LESS THAN 1% Pk.-Pk.

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: Nominal 12Vdc
Input Voltage Range: 9 to 18Vdc
Input Connector: Car cigarette lighter plug
Input Frequency: DC only
Dielectric Withstand: Non-isolation
OVP: Not included
Overload Protection: Not included

OUTPUT SPECIFICATION

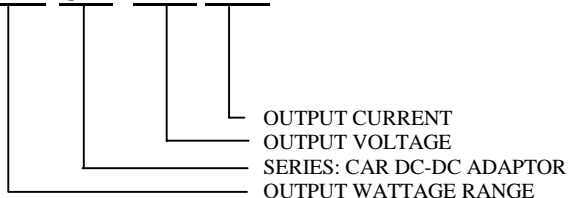
Output Voltage: See Ratings Chart
Output Current: See Ratings Chart
Output Wattage: APS08CD typ. 8.0 Watts
APS15CD typ. 15.0 Watts
Output Connector: Optional
Output Indicator: Green LED
Line Regulation: 0.1% typical
Load Regulation: ±1.0% typical
Noise & Ripple: Typ. 1.0 % peak to peak

GENERAL SPECIFICATION

Efficiency: Typical 80%
Switching Frequency: Approximately 100KHz
at full load and 12Vdc nominal input
Circuit Topology: Buck or Boost converter
circuit.

Operating Temperature: 0 to +40°C
Storage Temperature: -20°C to +85°C
Cooling: Free air convection
Construction: Plastic enclosure case
Format: Car cigarette lighter

MODEL NO. DESCRIPTION: APS XX CD - XXX YYY



OUTPUT VOLTAGE / CURRENT RATINGS CHART

Model No. as examples

MODEL NO.	INPUT VOLTAGE (Vdc)	VOLT. (V)	OUTPUT Amp. (A)	WATTS (W)
APS08CD-033220	12Vdc	3.3Vdc	2.20A	7.26W
APS08CD-050140	12Vdc	5.0Vdc	1.40A	7.00W
APS08CD-080100	12Vdc	8.0Vdc	1.00A	8.00W
APS08CD-090090	12Vdc	9.0Vdc	0.09A	8.10W
APS08CD-240035	12Vdc	24.0Vdc	0.35A	8.40W
APS15CD-050275	12Vdc	5.0Vdc	2.75A	13.75W
APS15CD-060250	12Vdc	6.0Vdc	2.50A	15.00W
APS15CD-090160	12Vdc	9.0Vdc	1.60A	14.40W
APS15CD-120120	12Vdc	12.0Vdc	1.20A	14.40W
APS15CD-180083	12Vdc	18.0Vdc	0.83A	15.00W

MECHANICAL DIMENSIONS: MM [INCHES] Weight: APS08CD & APS15CD 73g (2.58 Oz.).

