

DC-DC CONVERTER

MODEL: AD2160W14

TOTAL POWER	60W
INPUT VOLTAGE	12-24 VDC
NO. OF OUTPUT	Single
OUTPUT VOLTAGE	12 VDC
OUTPUT CURRENT	5 A

FEATURES

For Automobile
High Efficiency
Compact Size
Light Weight
ROHS Compliance

APPLICATIONS

Thermoelectric Cooler
Air-Pump
12Vdc Electric Appliance

ELECTRICAL PERFORMANCE

Input Voltage : 12-24 VDC
Input Voltage Range : 11.5-28 VDC
Input Current (full load) : ≤ 8 A
Input Current (no load) : ≤ 90 mA
Output Voltage (full load) : 12 VDC Typical
Output Voltage (no load) : ≤ 14 VDC
Output Current (full load) : 5 A
Output Ripple : ≤ 1000 mV
Power : 60 W
Efficiency : 83%

ENVIRONMENTAL PARAMETER

Operating Ambient Temperature : 0°C-40°C
Operating Relative Humidity : 5-95%
Storage Temperature : -20°C-+80°C

PHYSICAL PARAMETER

Weight : 0.288 kg
Size : 97 x 73 x 49 mm

TYPICAL CONNECTOR

Input : 2 meter DC Cord with Car Cigarette
Lighter Plug
Output : Car Cigarette Lighter Socket

