

# DC-DC CONVERTER

MODEL: AD36F12VS

<b>TOTAL POWER</b>	<b>36W</b>
<b>INPUT VOLTAGE</b>	<b>12/24 VDC</b>
<b>NO. OF OUTPUT</b>	<b>Single</b>
<b>OUTPUT VOLTAGE</b>	<b>12 VDC</b>
<b>OUTPUT CURRENT</b>	<b>3A</b>

## FEATURES

For Automobile & Truck  
 High Efficiency  
 Compact Size  
 Light Weight  
 Stabilize Output Power  
 Over Current Protection  
 Auto 12/24VDC Battery Detection  
 Auto Battery Protection (Battery Saver)  
 ROHS Compliance

## APPLICATIONS

12VDC Electric Appliance

## ELECTRICAL PERFORMANCE

Rated Input Voltage : 12/24 VDC  
 Input Voltage Range : 9-32 VDC  
 Input Current (full load) : ≤ 5.2 A  
 Input Current (no load) : ≤ 70 mA  
 Output Voltage (full load) : 12 VDC Typical  
 Output Voltage (no load) : ≤12.6 VDC  
 Output Current (full load) : 3 A  
 Power : 36 W  
 Efficiency : 78%

## ENVIRONMENTAL PARAMETER

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

## PHYSICAL PARAMETER

Weight : 0.294 kg  
 Size : 97 x 73 x 48.5 mm

## TYPICAL CONNECTOR

Input : 6 FT Cord with Car Cigarette Lighter Plug  
 Output : In-house Car Cigarette Lighter Socket

## ELECTRO MAGNETIC COMPATABILITY

Comply with e-Mark

