

- POWER TO PERFECTION •
- SAFETY BEYOND STYLE •



## Description

This sleek robust digital car power adaptor offers 7 dc voltages with 3 Amp plus a USB which is suitable for the latest iPhone, iTouch, iPods, all smart phones, mobile electronics with USB charging. The 3A output is ideal for most power hungry mobile electronics. The microprocessor control (MCU) design provides accurate digital read outs of the vehicle's battery voltage, selected output voltage and power used by load. Your car battery will be protected against over discharge by low voltage cut off to load. User can select the back light color in the large LCD indicator.

## Construction

- Anodized Aluminum alloy casing in standard color charcoal black.
  - Measurement : 98mm x 57mm x17mm
  - Net Weight of unit without accessories : 280g
  - 80 mm X 16mm LCD display with 5 user selectable back light color
  - \*\* Digital read out of battery voltage and L, N, H icons ;
- |                             | 12V system  | 24V system |
|-----------------------------|-------------|------------|
| L indicates                 | < 11.5 V    | <23.0 V    |
| N indicates battery voltage | 11.5 ~13.0V | 23.0~26.0V |
| H indicates battery voltage | > 13.0V     | >26.0V     |
- \*\* Digital read out of selected output voltage
  - \*\* Easy to spot bar chart, one bar = 500mA load.

## Specifications

- Input DC voltage range : 12V and 24V battery system.
- Output regulated DC voltage selections : 1.5 / 3 / 4.5 / 5 / 6 / 7.5 / 9 / 12V\* dc (12V regulated output is only for 24V battery system.)
- Dual outputs :  
One DC Output, max. current 3,000 mA  
One USB Port, max. current 600 mA.
- The 3A DC output and the USB port can operate simultaneously.
- Approval : e11 02 3772, EN 61000

## Features

- Microprocessor Control and Switching Mode designed
- Universal input (12V and 24 V battery system) for car and lorry.
- Large illuminated LCD display :  
Accurately shows battery voltage, output voltage, relative load current
- Digital selection of regulated wide output voltage from 1.5V to 12V.  
(8 selections for 24V system and 7 selections for 12V system.)
- Automatic low battery voltage cut-off to protect battery from over discharge.
- Output over voltage cut off to protect voltage sensitive connected devices.
- Choice of 5 user selectable back- light colors
- Output short circuit and overload protection
- High temperature protection
- Input fuse protection

## Protections

- Short circuit & overload protection by current limiting for both 3A and USB output.
- Input protection 5Amp fuse in cigarette plug.
- Thermal protection
- Low battery voltage disconnect to cut out power to the loads when battery voltage drops too low.
- Output Over Voltage Protection when output voltage is over the selected value, it will cuts out all power at both 3Amp and USB terminal.

## Application

- Intended for DC source of 12V and 24V system.
- USB PORT  
iPhone 4, iTouch 4, iPods, Smart phones, cell phones and mobile electronic items with USB charging
- 3 AMP PORT  
GPS, handheld games, telecom with 3Amp maximum current.

## Accessories

### Standard Accessories

- Input cable (1.5M) with cigarette plug and extra fuse.
- Output cable (1.5 M)
- 7 common DC plugs
- One set of dual lock sticker tapes

■ All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

■ SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE