

• POWER TO PERFECTION • SAFETY BEYOND STYLE •

Description

This sleek robust high current car power adaptor offers a range of precise and clean DC outputs for most electronic, digital portables and power hungry PMP (Portable Multi-media Player) such as DVD player.

The microprocessor control (MCU) design provides accurate digital read outs of the vehicle's battery voltage, dynamic output load condition and selected output voltage.

The battery is protected from over-discharge by automatic low voltage cut off (battery power to load) and a warning buzzer to alert users .

User can select the back light color in the large LCD indicator at will to match the decor of the dash board to his or her taste.

One 5V 500mA USB port and a 3Amp selectable DC voltage output with several detachable plugs fit for most portables.

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,
Shows the selected output voltage
Shows how much current the load is drawing out of the 3 Amp adapter.
- Digital selection of regulated output voltage including a 5V.
- (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

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 500 mA.
- **The 3A DC output and the USB port can operate simultaneously.**

Accessories

Standard Accessories

- A. Input cable (1.5M) with cigarette plug.
- B. Output cable (1.5 M)
- C. 7 common DC plugs (polarity reversible)
- D. One set of dual lock sticker tapes.
- E. One spare 5A fuse
- F. One pouch for keeping all the accessories.

Optional Accessory

USB cable and 5 charge plugs for 5 popular cell phones.

Protections

- **Short circuit & overload protection**
By current limiting for both 3A and USB output
- **Thermal protection**
5 amp fuse in cigarette plug.
- **Low Battery Voltage Disconnect to protect battery from over-discharge**
This is an important function to prevent your car from stranding with a flat battery.
When the MCU of the unit detects the battery voltage is at critically low level, it will give both visual and audio warning and cuts all power to both 3A and USB outputs to stop further draining of battery power.
- **Over voltage (output) Protection**
This is to protect voltage-sensitive devices connected to the adapter.
When the MCU of the unit detects the battery voltage is at critically high level, it will give both visual and audio warning and cuts all power to both 3A and USB outputs.

Construction

- Anodized Aluminum alloy casing in standard color charcoal black.
- Measurement : 98mm x 57mm x17mm
- Net Weight of unit without accessories : 100gm.
- 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.



Application

DVD player, i-Pod#, SONY PSP#, All portables with USB link cable for charge or power, all Portable Multi-media players with 3A max. load, GPS, handheld telecom.

Remarks : i-Pod#, SONY PSP# are registered trade marks and brands names of corresponding corporations.