

MEGABANK-4M

HEDBOX MEGABANK-4M QUAD BATTERY CHARGER AND DC UNINTERRUPTIBLE POWER SUPPLY SYSTEM - V-MOUNT

OVERVIEW:

Hedbox MEGABANK-4M is an Intelligent Digital Quad Battery Charger system with four V-Mount (V-Lock) Batteries featuring simultaneous charging and UPS/Power Bank capabilities. LED status indicators provides clear, accurate and precise reporting while integrated support stands ensure stable operation when only one battery is mounted. The included 4-pin XLR female to male DC Power Cable (RPC-DC4X4) enables the MEGABANK-4M to be used as a Power Bank, providing power to the DC output from the AC-input or fitted V-Lok batteries. DC output power of up to 14.5V 4.5A 75W is available.

When running as a Power Bank should the AC-input fail, then the power to the DC is seamlessly switched to a fitted battery, and then to the second battery upon depletion of the first battery, then to the third battery upon depletion of the second battery, and to the fourth battery upon depletion of the third battery. This UPS and Continuous Power Supply feature provides a valuable and constant DC power supply for audio, video and lighting equipment with total independence of the regular grid power supply.

FEATURES:

4-ch Simultaneous Charger

The MEGABANK-4M digital Quad battery charger system conveniently charges four professional batteries simultaneously. Using the latest battery charging technologies, with zero-volt charging activation, allows you to charge for batteries at the same time saving you both time and money.

Charging Technology

Intelligent charging systems integrate the control systems within the charger and the electronics within the battery to allow precision control over the charging process. As a safety precaution with high-capacity batteries, a pre-charging stage (trickle charge) is used. Constant current/constant voltage (CC/CV) charging mode is an effective way to charge lithium batteries.

It is used to charge the battery from 0% to 80% (RED light ON). When the battery is charged to 80%, impulse voltage charging (GREEN Light ON) takes over until the battery reaches 100%. Charger CPU automatically adjusts charging current to be lower than the max charging current that the battery can accept. When the battery is fully charged, this state is stopped.

LED Display Screen

LED display provides clear, accurate, and precise display of power status, charging status, battery channel status, and power bank mode. Displayed charging mode (red LED on – constant current charging, green LED on – impulse voltage charging) provides a clear insight into the way in which the charging mode is used to charge your professional battery. With a bright and intense light, the readout function is enabled in the dark.

Integrated locking support stand

The MEGABANK-4M is equipped with extra support stands making it easy to operate. The support stands provide extra stability while charging only one battery.

Power Bank Mode

The MEGABANK-4M can easily become a very powerful power bank if used with a specially designed Hedbox professional high flexibility power cable RPC-DC4X4-4-pin XLR female to male (included in the box). The power output is DC14.5V/4.5A, 75W and the capacity depends on the batteries used. For this application use the cable: RPC-DC4X4 / 4-Pin XLR Male to Female Plug.

DC Out 16.5V, 4.5A / 75W

With a 4-pin XLR female connector on the front panel, the MEGABANK-4M provides extra DC output for supplying constant power to external units like professional camcorders, video monitors, LED lights and other professional broadcast products. Connected with specially designed Hedbox professional high flexibility power cable RPC-DC4X4-4pin XLR female to male (included in the box), the charger can be used as an AC-DC adaptor of DC 14.5V/4.5A, 75W output.

INCLUDED IN BOX:

- 1 X RP-DC200V DIGITAL QUAD CHAGER
- 4 X NERO-M LI-ION BATTERY
- 1 X RPC-DC4X4 DC 4-PIN XLR POWER CABLE
- 1 X 110V ~ 240V POWER SUPPLY CABLE
- 1 X USER MAUNAL (ENGLISH)
- 1 X 2 YEAR LIMITED MANUFACTURER'S WARRANTY

SPECIFICATION:

Model :	MEGABANK-4M Power Bank Supply System
AC Power In :	AC 110 – 240V , 50/60Hz
Battery Mount :	V-Lock and V Mount Battery Plate
Power Consumption :	Max 85W
Power Capacity 1 :	10400mAh / 150 Wh Single Chanel
Power Capacity 2 :	20800Ah / 300 Wh Dual Chanel
Power Capacity 3 :	31200mAh / 350 Wh Triple Chanel
Power Capacity 4 :	41600mAh / 600 Wh Quad Chanel
DC Power Out :	DC 16.5V / 4.5A / 75W (max)
Power Connection Out :	4-Pin XLR
Battery Power Type:	Li-Ion
Operating Temperature :	-20°C to +45°C (-4°F to +113°F)
Dimensions (WxDxH) :	124 x 114 x 445 mm
Weight :	3.75 Kg
Charging Method :	MEGABANK-4M use advance Constant Current and Impulse Voltage charging Methods