# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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### 4-in-1 Battery Charger

#### MODEL NUMBER: UBC41







Versatile dual-input voltage battery charger compatible with any lead acid battery, including gel-type, maintenance-free, AGM and Ni-MH. Ideal for workbenches, construction sites, warehouses and other workspaces.

#### Description

The versatile UBC41 4-in-1 Battery Charger has many uses from charging the dead battery in your automobile or golf cart to various fleet and industrial operations. Compatible with any lead acid battery, including gel-type, maintenance-free, absorbent glass mat (AGM) and Ni-MH, the UBC41 operates on either 120V or 240V AC input mains voltage at an automatically selected 50 Hz or 60 Hz. The charger works with 12-, 24-, 36- or 48-volt batteries at high or low charge rates. Use the included alligator clips to connect the charger to the battery.

LED display monitors charge rate, battery capacity and float status. It also informs you of charging errors, such as a blown fuse, at a glance. Built-in cooling fan and automatic shutdown feature protect the unit from overheating. The charger is also protected from short circuits and accidental reverse connections.

The rugged aluminum housing is designed to handle day-to-day stress. Built-in mounting feet allow the UBC41 to be permanently installed on any rigid horizontal surface with user-supplied hardware.

#### Features

#### Digital Power Electronics for Accurate, Reliable Operation

- All-in-one charger compatible with 12V, 24V, 36V and 48V batteries
- Selectable high and low charge rates (H/L 12V/24V: 30A/10A; 36V: 25A/10A; 48V: 15A/7A)
- Selectable 120V or 240V input mains voltage
- Automatically selects 50 Hz or 60 Hz

#### **Charges Lead Acid Batteries**

• Including gel-type, maintenance-free, AGM and Ni-MH

#### **Highlights**

- Charges 12V, 24V, 36V and 48V batteries
- Selectable 120V or 240V input mains voltage (50/60 Hz)
- Compatible with lead acid batteries
- Easy-to-read LED display monitors charge status
- Keeps battery at full capacity without overcharging

#### Package Includes

- UBC41 4-in-1 Battery Charger
- Alligator clips with cable
- Power cord with NEMA 5-15P plug
- Owner's manual



• Comes with alligator clips for connection

#### Easy-to-Read LED Display

- · Yellow and green LEDs monitor charge rate, battery capacity and float status
- Red LED alerts you to overheating, wrong battery voltage and other charging errors

#### **Protection Functions**

- Shuts down automatically upon overheating, and restarts when cooled to appropriate temperature
- · Won't operate when battery connectors are attached in reverse

#### **Durable Construction**

- Rugged aluminum housing stands up to daily use
- Built-in mounting feet allow installation on any rigid horizontal surface

## **Specifications**

OVERVIEW		
UPC Code	037332191533	
Accessories Type	Battery Charger	
ОИТРИТ		
Frequency Compatibility	50 / 60 Hz	
INPUT		
Nominal Input Voltage(s) Supported	120V AC; 240V AC	
Input Connection Type	NEMA 5-15P power cord	
BATTERY		
Battery Charge	Selectable high and low charge rates (H/L 12V/24V: 30A/10A; 36V: 25A/10A; 48V: 15A/7A)	
USER INTERFACE, ALERTS & CONTROLS		
Diagnostic LED Details	Yellow and green LEDs monitor charge rate, battery capacity and float status. Red LED alerts you to overheating, wrong battery voltage and other charging errors.	
PHYSICAL		
Shipping Dimensions (hwd / in.)	6.920 x 10.110 x 14.800	
Shipping Dimensions (hwd / cm)	17.58 x 25.68 x 37.59	
Shipping Weight (lbs.)	11.3000	
Shipping Weight (kg)	5.13	



Unit Dimensions (hwd / in.)	3.96 x 8.78 x 11.81
Unit Dimensions (hwd / cm)	10.06 x 22.30 x 29.99
Unit Weight (lbs.)	9.7
Unit Weight (kg)	4.40
Material of Construction	Aluminum
Color	Silver
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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