

# BATTERY CHARGER INSTRUCTION - ENGLISH



**MK BATTERY**

**LS24/3.5A-08**

3.5A

## 1. APPEARANCE



## 2. SPECIFICATION

Item	BATTERY CHARGER (SWITCHING MODE)
Model	LS24/3.5A-08
Output Current (DC)	3.5A±5%
Charging Voltage (DC)	28.6V±0.2V
Floating Voltage (DC)	27.0V±0.2V
Input Current (AC)	1.5A max.
Input Voltage (AC)	100 ~ 240 Vac; 50/60Hz
Efficiency	AC-DC 89% min (@ 230Vac); 87% min (@110Vac)
Operating Temperature	0°C ~ 40°C
Switching Method	SWITCHING MODE
Charging Method	Constant current, two stage constant voltage
Battery Application	24V Lead Acid Rechargeable Battery (12Ahr ~ 22Ahr)
Output Detection	1. Short Circuit Protection 2. Reverse Power Protection 3. Overheat Protection 4. Charging Plug Protection
Operating Humidity	10% ~ 95 %
Measure	L 185.6mm×W 72.3mm×H 50.4mm
Weight	0.72 Kg
Color	Black

## 3. OPERATING INSTRUCTION

- (1) Make sure the battery charger output voltage is the same as the connecting battery.
- (2) Plug in the power cord. LED indicates green flash when AC power on.
- (3) Connect the battery charger to the battery.
- (4) Start charging; please refer to 4. LED INDICATION.

## 4. LED INDICATION

2 LEDs for status indication

- (1) POWER LED (clear lens-red color):  
Red Color – Power On/Off
- (2) CHARGING/ FAULT LED (clear lens-dual color):  
Red color STEADY ON – charging  
Green color STEADY – Charge finished  
Red color FLASHING – Error

## 5. IMPORTANT SAFETY INSTRUCTIONS

- (1) Before use of the battery charger, please make sure to read and follow all safety instructions.
- (2) Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all safety warnings and instructions for future reference.
- (3) For indoor use only, do not expose to rain, snow or damp conditions.
- (4) Check that there is no sign of damage to the case, cables and socket before using the charger. Contact your authorized dealer in the event of any damage.
- (5) Contact your authorized dealer if you are unsure of how to operate the it.
- (6) The charger must be placed in a well ventilated area protected from direct sunlight and inflammable surfaces, paper textiles etc.
- (7) To reduce risk of fire hazard, do not cover or obstruct the ventilation holes on the charger.
- (8) Keep the charger out of children's reach.
- (9) Charge only 24V Lead acid or Gel cell type rechargeable batteries.
- (10) Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician.
- (11) Disconnect the AC Input supply before plugging or unplugging the connections to the battery.
- (12) Unplug both of the DC output and the Ac Input power cord of the charger when the batteries are fully charged.
- (13) To properly use the battery charger first connect DC output plug of the charger with the charging port of the unit. Then connect AC plug on the charger into AC power outlet.
- (14) The charger is supplied with a polarized plug. It must not be dismantled or modified (refer to 1. APPEARANCE: note "A").