

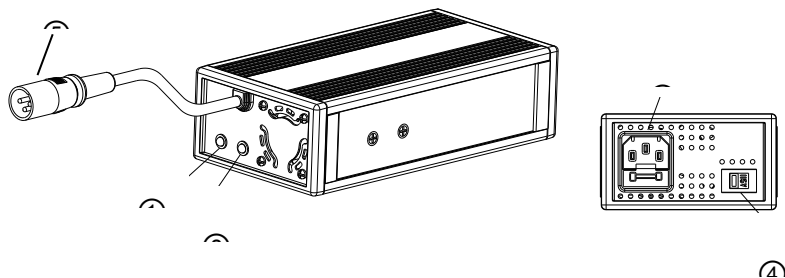
BATTERY CHARGER INSTRUCTION



MK BATTERY
LS24/5-08

1. Appearance

1. LED INDICATOR (CHARGE)
2. LED INDICATOR (POWER)
3. POWER SOCKET
4. (115V/230V) INPUT VOLTAGE ADJUSTER
5. OUTPUT PLUG TO BATTERY



2. Specification

Item	Battery Charger (Switching Mode)		
Model	4F24040	4F24050	4F24060
Output Current(DC)	4A±0.2A	5A±0.2A	6A±0.2A
Charging Voltage(DC)	28.8V±0.2V		
Float Charging V.(DC)	27.6V±0.2V		
Input Current(AC)	4/2A max.		
Input Voltage(AC)	115-230 Vac 60/50Hz (Manual Select)		
Efficiency	AC-DC 80%		
Performance	Switching Mode		
Charging Method	Constant Current , Two Stage Constant Voltage		
Battery Application	24V Lead Acid Batteries (20Ahr ~ 60Ahr)		
Output Detection	1.Short Circuit Detection 2.Output Voltage / Current Limit 3.Reverse Power Protected 4.Overheat Detection		
Operating Temperature	0°C~40°C		
Measurement	L 190mm×W 100mm×H 55mm		
Weight	965 g		
Color	Black		

3. Operating Instruction

- (1) Manual adjust the correct input voltage (115V/230V).
- (2) Connect the plug of battery charger to the socket of battery.
- (3) Plug in the power cord. Turn the power on. Normally, The LED (Power) Light will turn on when electric current passes.
- (4) Charging starts. During charging, LED (Charge) will indicate orange light, when it turns to green light, that means well-charged.

4. LED Indication

- LED(POWER) - GREEN LIGHT ON: Power On.
LED(CHARGE) - ORANGE LIGHT ON: Charging.
GREEN LIGHT ON: Fully Charged.

5. Trouble Shooting

- (1) If LED(POWER) light is off
 - . Check the input voltage (115V/230V) is the same as you adjust.
 - . If light is still off, please check and repair the battery charger.
- (2) If LED(CHARGE) light is off
 - . Check to see the clips connection is correct.
 - . If the battery is fully charged, the LED (CHARGE) light will be off.
 - . If light is still off, the battery may be defective.
- (3) If ORANGE light can not turn to GREEN
 - . The battery can not be charged. Please check and recover it.
- (4) If ORANGE light turns to GREEN immediately
 - . Check to see the battery is fully charged, if not, The battery may be defective. Check and recover it.

6. Caution

- (1) To prolong charger life, do not connect the short output for long time.
- (2) Though charger charge automatically and can be used for deeply discharged battery, do not use for extremely discharged, short aged and defective battery.
- (3) Use the charger in a well-ventilated area.
- (4) Use for LEAD ACID batteries 12V (20-60Amp-Hr.) *2 only.
- (5) Do not use for voltage input except the specified.
(Make sure your present voltage input (115V or 230V) and adjust manually).