

PRODUCT SPECIFICATIONS

Description:	6V/12V/24V Lead Acid Battery Charger
Model No.:	MB-3527
AC type:	With 1.2M SAA power cord
Status Indication:	- Red LED lights on – Proper charging; - Green LED lights on – Charging completed and battery is ready for use - Flashing Red LED– Short circuit, reverse polarity or battery voltage is too low to charge
Output cord:	1.8m
Output connection method:	Red and Black clamp
Dimension:	106.5mm(L) x 50.5mm(W) x 32.0(H) ±0.5mm
Temperature	Storage temperature: -10°C to 55°C Working temperature: 0°C to 35°C

ELECTRICAL SPECIFICATIONS AND TESTING

Primary Voltage and Frequency:	100-240V AC 50/60Hz 42W
Output current for 6V lead acid battery	1.2A +/-10% (When battery voltage is below 7.2V, the charging current will decrease till it is 500mA.. Then, when battery voltage is up to 7.6V, charging will cut off.)
Output current for 12V lead acid battery	1.2A +/-10% (When battery voltage is below 14.4V, the charging current will decrease till it is 0.5A. Then, when battery voltage is up to 14.7, charging will cut off.)
Output current for 24V lead acid battery	1.2A +/-10% (When battery voltage is below 28.8V, the charging current will decrease till it is 0.5A. Then, when battery voltage is up to 29.5V, charging will cut off.)
Termination voltage for 6V lead acid	7.4V
Termination voltage for 12V lead acid	14.7V
Termination voltage for 24V lead acid	29.5V
Protection:	1. Short circuit protection 2. Timer (18 hours)
Hi-pot test:	3000V at 1minute (Primary to Secondary)

Drawing:

