



SR series 12V 20A Automatic Battery Charger for Emergency Generator & UPS

ITEMS	SR-1220
Input Power	AC110V 60HZ or AC220V 50HZ
Normal Voltage	DC 12V
Charging Voltage	DC 15V \pm 0.2V
Floating Voltage	DC13V \pm 0.2V
Charging Current	20A \pm 1A
Charging method	Constant Current / Constant Voltage / Absorption / Floating / Cycle Charge / Battery Low Voltage Refresh Function
Protection	Short circuit protection. True reverse polarity protection. Anti-Arc protection Over temperature protection.
Operating Temperature	-20°C ~ 50°C
Dimensions (Lx WxH)	277mm X 215mm X 172mm
Weight	9.5 Kgs

Ideal uses: Industry Heavy Duty Using

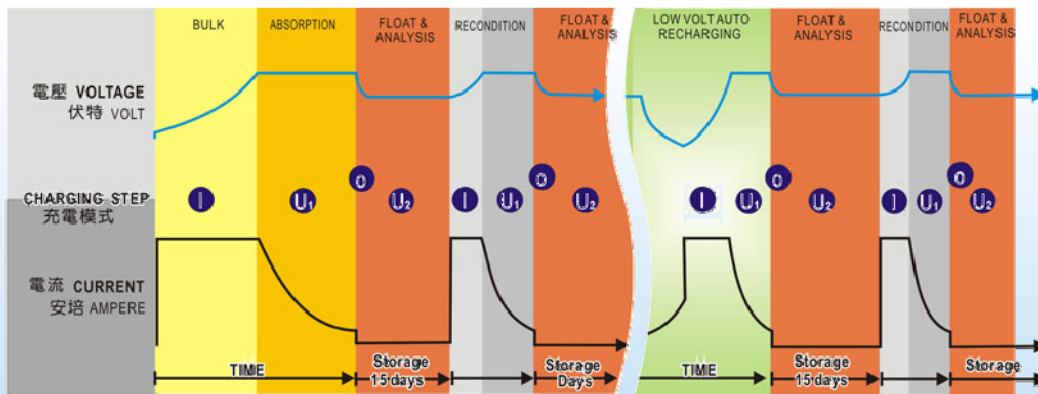


Features :

1. SR series multi-functional suitable for charging all type of lead-acid batteries.
2. Constant current charging mode : Control the charging current at certain current steady point to prevent the battery absorb great deal of current during charging and cause the temperature goes up rapidly and affect the service life of the battery and the charging efficiency.

3. Constant voltage charging mode : Effectively control the charging voltage to prevent the damage of the battery cell plate due to over-charging.
4. Absorption charge mode : 2.3V~2.43V value every single cell allows both the old and new single cell to achieve saturate and not over charge, the charging saturation degree achieves as high as 100% .
5. Floating Charge Mode : Maintenance for maximum performance. Output 2.25V every single cell allows battery keep saturation charging and last long without losing water. The Float method gives your battery maximum capacity.
6. Cycle charge mode: Microcomputer automatic cycles equalizing charge for every 15 days.
7. Battery Low Voltage Refresh Function : When the charger in float charged mode and the battery voltage was discharge low then the normal voltage (2V/cell), Absorption charge mode would automatically enters start.
8. Even deep-discharge batteries can be recharged.
9. Electronic Reverse polarity protection : The unit automatically detects whether the polarity is correct. If the clamps are inadvertently connected to the wrong terminals, nothing happens. Completely safe to use.
10. Anti-Arc protection : The clips will not spar if touched together.
11. Auto detect function : Auto check the battery connecting are normal and completely correct, then the microcomputer may start to do the charging.
12. Microcomputer Monitor Mode : Full control charging voltage and charging current to avoid battery over-temperature and over-charging.

CHARGING CURVE :



Technology - Characteristic (IUoU)

- ① CONSTANT CURRENT 定電流模式
- ② CONSTANT VOLTAGE 1 均流定電壓模式
- ③ CONSTANT VOLTAGE 2 浮充定電壓模式
- ④ COMPLETE DETECT 飽和判定

DIMENSIONS :

