

KGC2B

Battery Charger

GUANGZHOU MINTONG TRADING CO.,LTD

Descriptions:

12Volt. 2 Bank smart battery charger, 2Amp per each channel. 9 steps intelligent charging program. It is ideal for permanently maintaining the battery in proper working condition, and keep ready to go.

Accessories included:








- 1) 2x 530mm output cable attached with alligator clip
- 2) 2x 530mm output cable attached with 3.0A fused ring terminal



Features/Functions/Benefits:

Features Mode No.	Charge algorithm	Voltage select	Current select	Spark proof	Reverse polarity	Temp. protect	IP	Wall bracket	Power supply	LCD	Battery Recover
KGC2B	9 steps			●	●	●	20		SMPS		●

Applications:

							
KGC2B	●	●		●	●	●	

Certifications:

Certification Mode No.	CE/GS	UL/CUL	RoHS	SAA	EMC	E-mark	PSE	PAH	BEAB
KGC2B	●		●		●				

KGC2B Battery Charger

Mechanical Specifications:

AC Cable	1.5M detachable SPT-2 18AWG x 1
DC Cable	530mm DC output lead attached with 3A fused Ring terminals x 2 530mm DC output lead attached with alligator clip x 2
Dimension	L.177.5 x W. 120 x H. 102.5mm
Packing meas.	L.305 x W. 260 x H. 120mm
Weight per unit	850g
Packing	L.483 x W. 325 x H. 280mm

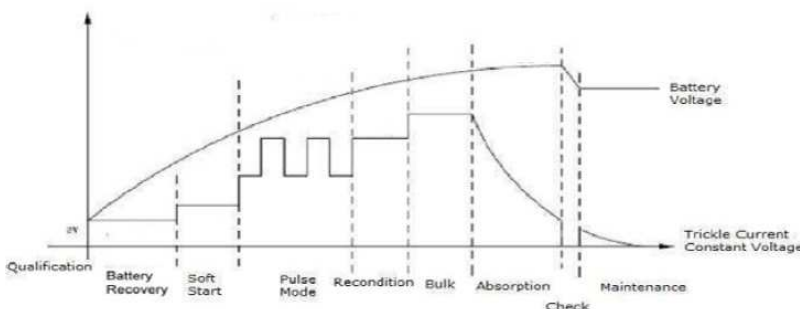
Mechanical Drawing:



Electrical Specifications:

Input Voltage	100~240Vac 50/60Hz
Max. Output current	2 channels of 12Vdc, 2Amp per each channel
Battery size recommend	50Ah
Battery type	Flooded, Maintenance free, Calcium, VRLA, AGM, GEL
Enclosure	Fire retardant plastic housing
Operation Temperature	-12°C to 40°C

9 Steps Charging Methods And Descriptions:



1. Qualification:

Ensure the battery in good condition prior to charge. Charge will not be started if battery is less than 2.0V

2. Battery Rescue:

Battery Rescue starts, in case the battery voltage has unusually raised to the highest voltage at the beginning of charge.

3. Soft Start:

Soft Start follows when battery is rescued successfully, it delivers limited current to re-activate the element of battery for better charging condition.

4. Pulse Mode:

Pulse mode starts in case the battery has detected at very low level when the charge commences.

5. Recondition:

Recondition follows when the Pulse mode is completed, it aims to re-activate the element of battery for battery charging condition

6. Bulk charge:

The normal charge is commenced to deliver the constant current for charging up the battery until 80% full.

7. Absorption charge:

The charge program has switched over to Constant voltage; the charge current has to be reduced according to the raised of battery level, until the battery is full.

8. Checking:

It checks the battery voltage after charged, to make sure the voltage can be retained otherwise the battery is classified a dead battery

9. Maintenance:

The battery can be permanently maintained at a proper work level and to be kept ready to go.