

KGC4B

Battery Charger

GUANGZHOU MINTONG TRADING CO.,LTD

Descriptions:

12Volt. 4 Bank smart battery charger, 4Amp 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
KGC4B	9 steps			●	●	●	20		SMPS		●

Applications:

							
KGC4B	●	●		●	●	●	

Certifications:

Certification Mode No.	CE/GS	UL/CUL	RoHS	SAA	EMC	E-mark	PSE	PAH	BEAB
KGC4B	●		●		●				

KGC4B Battery Charger

Mechanical Specifications:

AC Cable	1.5M detachable SPT-2 18AWG x 1
DC Cable	530mm DC output lead attached with 7.5A fused Ring terminals x 4 530mm DC output lead attached with alligator clip x 4
Dimension	L.230 x W. 213 x H.127 mm
Packing meas.	L.358 x W.343 x H.152 mm
Weight per unit	2.3kg
Shipping meas.	L.551 x W. 380x H. 360mm
Packing	4 pcs per carton

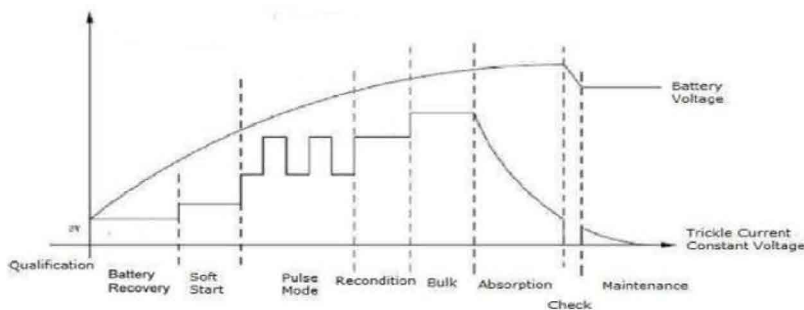
Mechanical Drawing:



Electrical Specifications:

Input Voltage	100~240Vac 50/60Hz
Max. Output current	4 channels of 12Vdc, 4Amp per each channel
Battery size recommend	100Ah
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-active 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-active 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.