

KCZ/KCX Battery Charger

User Manual

◆ Technical parameters

Dimension (KCZ): 320mm(L)*250mm(W)*108mm(H)

Dimension (KCX): 310mm(L)*220mm(W)*160mm(H)

Input voltage: AC 220V

Input frequency: 50HZ-60HZ

Operating temperature: -30°C ~+40°C

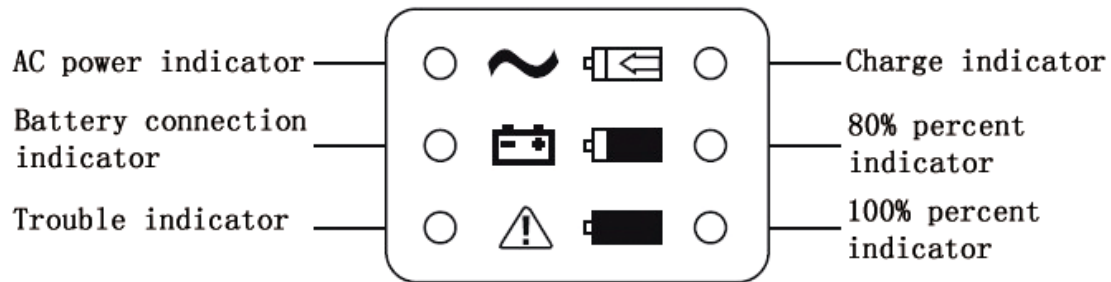
Efficiency: >85%

Type	Battery Voltage	Output Current
KCZ-4820	48	20
KCZ-4825	48	25
KCZ-4830	48	30
KCZ-7215	72	15
KCX-4820	48	20
KCX-4825	48	25
KCX-4830	48	30
KCX-7215	72	15
KCX-7220	72	20
KCX-7225	72	25
KCX-7230	72	30

◆ **Features:**

1. Reversed polarity protection: charger will not turn on if the battery pack is connected backwards, red light on.
2. Input over current protection: if input current is higher than the set value, the charger will cut off and then restart in 3 seconds.
3. System over temperature protection: when case temperature arrives at 75 °C, the charger will automatically adjust its output power to ensure inner temperature less than 75 °C.
4. Output short circuit protection: the charger will cut off if detects short circuit, and will restart in 3 seconds if fault is solved.
5. Automatically turn off when battery is full;
6. Over voltage protection: if output voltage is higher than the set value, the charger will cut off and then restart in 3 seconds.
7. Thunder stroke protection;
8. The charge process controlled by CPU.

◆ Trouble shooting guide



Trouble indicator: if it is over current error, the Charger will restart in 3-5 seconds. If it is over temperature error, the Charger will restart when the temperatures drop to the set value.

◆ Warranty

Provide one year warranty, starting from the date of shipment.

The warranty doesn't cover repairs as the result of the following:

- 1、 Damage caused by wrong operation.
- 2、 Damage caused by opening the charger and without company permission.
- 3、 Damage caused by transiting.
- 4、 Damage caused by entering water, damping.
- 5、 Damage caused by instant super-voltage.
- 6、 Damage caused by pulling of pushing the input/output cable severely.
- 7、 Lengthening the input/output cable without permission causes

that the Charger can't recharge fully.

◆ **Contact way**

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