

GZDH 110VDC/150AH 直流电源屏DC BATTERY BANK WITH CHARGER



■ DC BATTERY BANK .SPECS:

1. Nominal Volts - 110V
2. Battery Capacity $\geq 150\text{AH}$ (@ 10Hr Rate)
3. End Voltage after 6 hrs = 95% of rated voltage
4. battery disconnected voltage \geq nominal discharge voltage
5. Rack for batteries to be included.
6. Type:Lead acid with liquid electrolyte (vent type)
Enclosure – heat resistance, shock absorbing, entirely close with electrolyte level indicator.

■ DC BATTERY CHARGER SPECS:

1. Rated input voltage - 240 Volts
2. Rated frequency - 50 HZ
3. Rated dc output - 110 V, 25A
4. Setting range of output voltage - $\pm 10\%$

5. Output volts variation (for 0 to 100% output current and $\pm 10\%$ to $\pm 15\%$ input voltage variation)
 - $1 \pm 1\%$
 - with battery in parallel : 3%
 - without battery in parallel : 5%
6. Charging Characteristics - IU according to IEC and DIN 41773
7. Automatic type and manual control for equalizing charge.
8. No fans or moving part.
9. Automatic self adjusting of charge rate from 0.1C rated to C rated.
10. Adjustable charging voltage.
11. Automatic protection to be included.
12. Charge current failure alarm to be included.
13. Enclosure – free vent, free stand, metal cabinet with adequate access to internal equipment.
14. Voltmeter to display battery voltage
 - scale length ≥ 75 mm
 - Fully scale volts = 150 volts
 - Type = Analogue
 - Accuracy = 1.5%
15. Ammeter for display of battery discharge current.
 - scale length ≥ 75 mm
 - Full scale amps = 20A
 - Type = analogue
 - Accuracy = 1.5%
16. Voltmeter with 3 way switch to be incorporated to measure line voltage.
 - Scale length ≥ 75 mm
 - Full scale volts = 300 volts
 - Type - Analogue
 - Accuracy – 1.5%
17. Charger to incorporate control for speed regulation of an external fan.