

4R25/W (500min)

TECHNICAL SPECIFICATION FOR GREENERGY CARBON ZINC BATTERY

PREPARED BY: 张伟

APPROVED BY: 

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SPEC.NO:

1、Scope

The specification is applicable to super heavy duty battery 4R25。

Cross References: IEC GB (CHINA)
4R25 4R25

2. Reference Document

IEC 60086-1:2000

IEC 60086-2:2000

3. Chemical System

Zinc-Manganese Dioxide (Zinc Chloride Electrolyte),
Hg< 1 ppm,Cd<100ppm,Pd<1000ppm

4. Nominal Voltage: 6 volt

5. Weight: approximate $\geq$ 345g

6. Jacket: Paper/Foil Label

7. Electrical Characteristics

	Off-load Voltage (v)	On-load Voltage (v)	Short circuit current	Acceptance Standard
Initialwithin30 day	6.20	5.8	6.0A	GB2828 commonly I sampling AQL=0.65
After 12months	5.9	5.2	5.2A	

conditions: 15.6 Ω $\pm$ 0.5% load resistance, measuring time 0.3 seconds, temperature at 20 $\pm$ 2℃, the hairspring type ampere meter with $\pm$ 0.5% accuracy (0.5level) shall be used.

8. Service Time (condition: test temp. 20 $\pm$ 2℃, tested within 30 days after delivery)

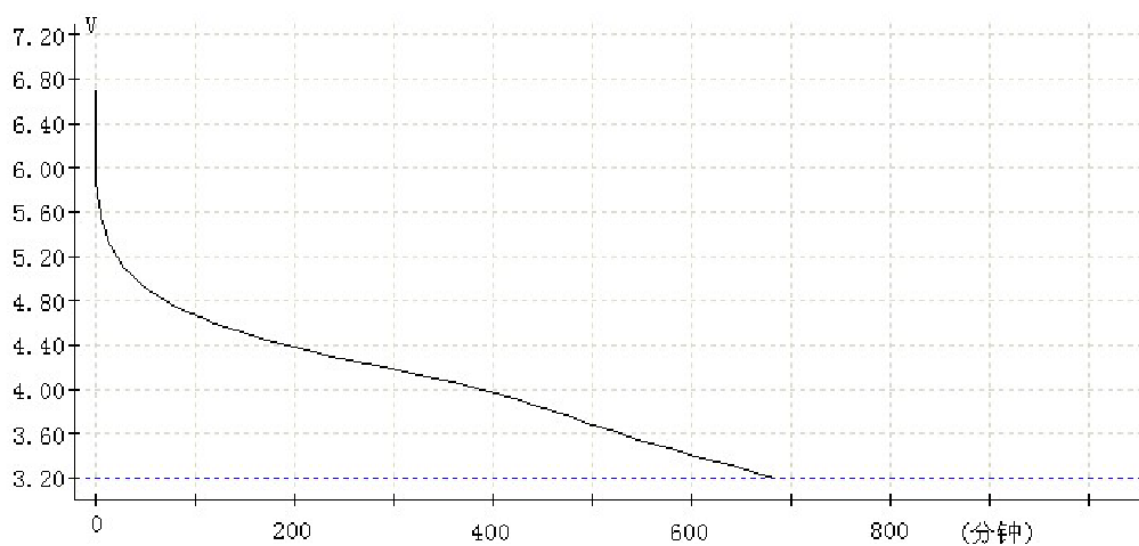
Discharge Condition			IEC Standard	Average Minimum Discharge Time	
Discharge load	Daily discharge time	End Point Voltage (v)		Initial within30day	After 12mth at 20 $\pm$ 2℃
15.6 Ω	24h	3.6	/	500min	440min

Satisfaction standard: 9 pieces of battery will be tested for each discharging standard.

The result of the average discharging time from each discharging standard shall be equal to or more than the average minimum time requirement.

9、Discharge Curves:(Condition: Test temperature $20 \pm 2^{\circ}\text{C}$)

Discharge Method :

15.6 Ω 24hrs/day**Voltage(V)****Discharge Time(minutes)**

10、 Battery Dimension and construction

