

EB1224(12V24AH)

Capacity: 12V--24AH(20HR)

Out dimensions: L:175±2mm
W: 166±2mm
H: 125±3mm
TH:125±3mm

Terminal: T4

Weight: Appr.: 8.0Kg

Construction:

The sealed lead-acid battery is made of pbo2 positive, lead negative, agm separator, acid electrolyte, abs container & cover, safety valve, copper terminal.

Surface: No electrolyte leakage, dirt, crack, deformation.

Characteristics:

* Testing temperature: 25±2°C(or as definite)

* Capacity:

Discharge Rate	Discharge Current	Discharge Final Voltage	Capacity
20HR	850mA	10.5V	24.0Ah
10HR	1.58A	10.5V	22.3Ah
5HR	2.89A	10.2V	20.4Ah
1HR	10.2A	9.6V	14.4Ah

* Open voltage:

Open voltage must be more than12.8V in 14 days after delivery.

* Battery internal resistance:

In charged state, the internal resistance is below 8mΩ.

* self-discharge:

at the temperature:25±5°C

After charged, stored for 4 months, the self - discharge capacity is less than 25%

* Max. discharge current:

96.0a continue discharge or 360A discharge 5S, the battery can work normally.

* Battery life(25±2°C)

Cycle life: Charge voltage is 14.1V for 16H, then discharge current is 6.00A for 2H, that is one cycle, every cycle the discharge voltage must be over 10.2V, the battery cycle life is more than 200 cycles.

Floating life: Continuely charge voltage is 13.8V, after 2 months, discharge at 6.00A, the final discharge voltage is 10.2V, every time the discharge time must be over 2 hours, the battery floating life must be over 2 years.

* Mechanical strength:

Vibration: A vibration of 16.7 Hz at the full amplitude of 4mm will

be applied on any side of the full charged battery for 1h,the battery must not have lave leakage or any broken, the battery voltage must be above 12.0V.

Shock: The fully charged battery droptthree times without applying any extra force from 0.2m high onto a harden wood(about 10mm thick). the battery must not have leakage or any broken, the battery voltage must be aboe 12.0V.

* Charge:

Charge Method	Charge Voltage	Max. Charge Current	Instruction
floating charge	13.50-13.80V	3.60A	when the temperature is below 0°C or above 40°C, the charge voltage will change + or - 18mv/°C.
cycling charge	14.1-14.4V	6.00A	when the temperature is below 5°C above 35°C, the charge voltage will change +or - 24mv/°C.

* Operation temperature:

State	Temperature Range
Discharge	-40--65°C
Charge	-20--50°C
Storage	-25--50°C

* Storage period:

Temperature	Storage Period
Below 20°C	9 Months
20--30°C	6 Months
30--40°C 9	3 Months

Label:

Production code, model, notice.

The other:

If having any questions, we will discussion together.