JB-H12-810W 12V185Ah

Overview

The rechargeable batteries are lead- lead dioxide systems. The diutelsulfuric acid electloyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special oneway valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

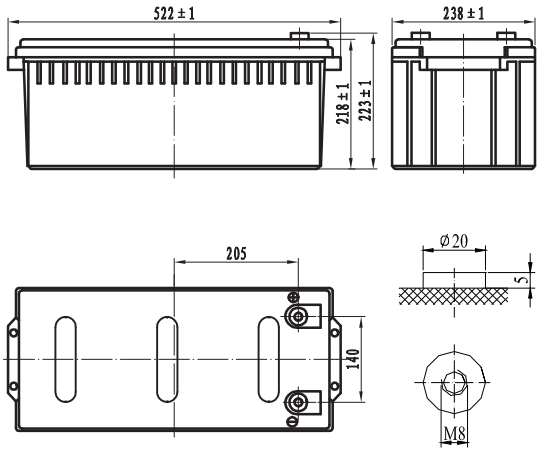
General Features

- Positive and negative plates in lead-calcium tin alloy;
- Superiior energy density;
- Operates at a low internal pressure;
- Gas Recombination;
- Usable in any orientation;
- A recognized component of UL;
- Very high power output;
- Application specific designs;
- A couple Range from 13W to 1010W per cell for 10'@1.60Vpc;
- Six months shelf life at 20℃;
- Design life 10 years.

Dimensions and Weight

Length(mm / inch)	522 / 20.6
Width(mm / inch)	238 / 9.37
Height(mm / inch)	218/ 8.58
Total Height(mm / inch)	223/ 8.78
Approx. Weight(Kg / lbs)	66.5 / 146.7

* Weight deviation: 5%



Battery Specification

Performance Characteristics	
Nominal Voltage	12V
Number of cell	6
Design Life	10 years
Nominal Capacity 77℉(25℃)	
10 min wattage @1.6V	810W/cell
20hour rate (9.80A, 10.5V)	196Ah
10hour rate (18.5A, 10.8V)	185Ah
Internal Resistance	
Fully Charged battery 77 ℉(25℃)	≤2 .8 mOhms
Self-Discharge	
3% of capacity declined per month at 20℃(average)	
Operating Temperature Range	
Discharge	-20~60℃
Charge	-10~60℃
Storage	-20~60℃
Max. Discharge Current 77℉(25℃)	1200A(5s)
Charge Methods: Constant Voltage Charge 77℉(25℃)	
Cycle use	2.40-2.45VPC
Maximum charging current	55.0A
Temperature compensation	-30mV/℃
Standby use	2.20-2.30VPC
Temperature compensation	-20mV/℃

Discharge Constant Current (Amperes at 77℉25℃)

End Point Volts/Cell	10min	15min	20min	30min	45min	60min
1.60V	435	358	295	232	175	138
1.65V	413	342	283	223	171	133
1.70V	391	326	270	214	166	128
1.75V	368	309	257	205	160	123
1.80V	345	292	244	195	153	118

Discharge Constant Power (Watts at 77℉25 ℃)

End Point Volts/Cell	10min	15min	20min	30min	45min	60min
1.60V	810	641	533	424	310	245
1.65V	772	619	515	411	301	239
1.70V	733	596	497	397	292	232
1.75V	694	573	478	383	283	225
1.80V	655	550	460	369	273	218

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the mimimum values.All data shall be changed without notice,Vision reserves the right to explain and update the information contained hereinto.

JB-H12-810W 12V185Ah