pbo

Lithium Ferro Phosphate Batteries

166

258

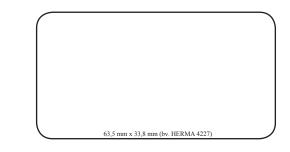
pbq 80Åh - 12V Life 1785 14 Image differs from product Voltage :12.8 Volt Capacity :80 Ah :258x166x206mm (LxWxH) Appr. dimensions Terminal : M6 Insert Container & lid : ABS Approximate weight : 12.3 Kg escape. Specific Energy : 84 Wh/Kg are placed in series in order to create 12.8V. Capacity : 80Ah the balance between the internal cells. Int. resistance @ 25°C (fully charged) : <8mOhm To avoid overheating of the battery, a special insertion, Operating temperature range :-30°C ~ 60°C Discharge :-30°C ~ 60°C Charge **General features** Strorage :-30°C ~ 50°C Max. discharge current :40A • Max. 30sec. pulse : 50A down is not recommended Cut-off Voltage : 8.0V •

:14.8V

:13.8V

:20A (5 hrs).

- Long service life in floating application
- Maintainance free operation
- Excellent safety •
- Environmental friendly due to the absence of heavy metals



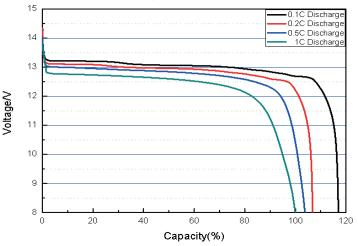
Discharge performance

Recommended Charge current

Charge (Constant Current/Constant Voltage)

Float charge voltage

Standard charge voltage





pbq 80-12 LiFe

General Purpose Battery

The rechargeable pbg LiFe battery employs lithium iron phosphate as its cathode and carbon as its anode. The electrolyte salt dissolves in organic compound solvent and the electrolyte system is absorbed by the separators and the plates. All batteries of this type have a special oneway valve to allow the disaggregate-tire solvent gases to

Each individual cell is spiral wound and formed to a prismatic cell. The nominal cell voltage is 3.2V. Four cells To protect the battery from over charging and over

discharging the battery is equiped with an internal battery management system (BMS). The BMS also takes care of

called PTC, is added to the electrolyte. This additive neutralizes the the electrolyte and disables the battery permanently if the internal temperature exceeds 80°C.

- More than 2000 deep cycles, pbg LiFe offers the lowest life-cycle costs, using a grafite anode.
- The battery may be installed in any direction, upside
- Excellent high-rate discharge an recharge capabilities
- Third the weight of an equivalent lead acid battery •