

Code: 750003

Description

Sealed Lead Acid Battery, 12V/7AH



Overview

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way 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.

Application

- ✓ Control System.
- ✓ Alarm system.
- ✓ Power system.
- ✓ Railway system Emergency Light.
- ✓ Emergency Lighting System.
- ✓ Backup power supply.
- ✓ UPSTelecom Equipment.
- ✓ Fire and Security System.
- ✓ Power Station Electric Tools.

Advantages

- ✓ Design life: 10 years high specification, safe and reliable seal.
- ✓ Low internal resistance.
- ✓ Low self-discharge rate Strong Charge acceptance and High sealing response efficiency.

Features

- ✓ High-strength ABS plastic battery.
- ✓ Compact structure, Impact resistance and Seismic capacity Special Lead-based multi-element alloy grid.
- ✓ Low internal resistance, Strong charging acceptance ability manufacturing process.
- ✓ High active material utilization rate.
- ✓ High-purity electrolyte and special additives, Low self-discharge rate
- ✓ Multi-layer sealing technology and special sealant ensure that the battery has leakage and no acid over, Safe

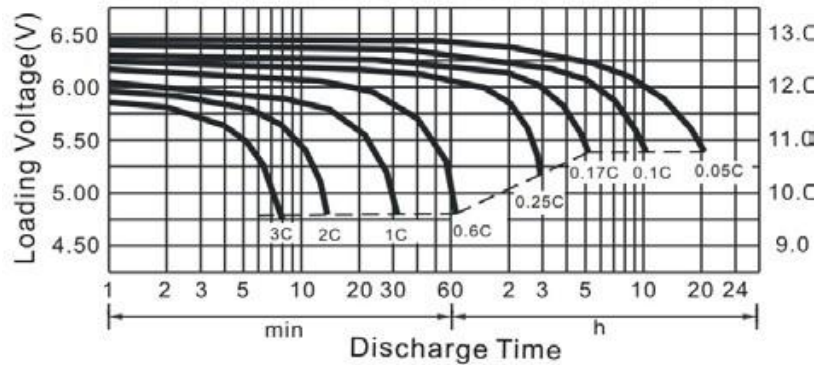
Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		7.0Ah
Dimensions (mm)	Length	151±2
	Width	65±1.5
	Height	95±1.5
	Total Height	101±2
Approx. Weight (kg)		2.0
Terminal		T1/T2

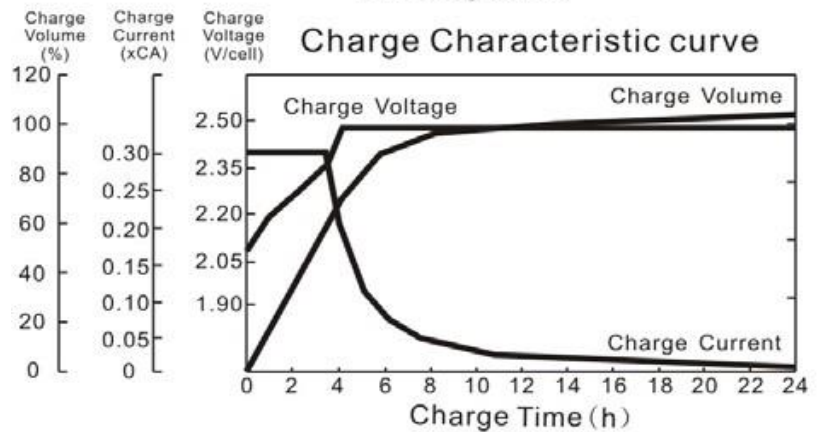
Characteristics

Capacity 77°F(25°C)	20HR (0.350A)	7.00Ah
	10HR (0.651A)	6.51Ah
	5HR (1.190A)	5.95Ah
	1HR (4.270A)	4.27Ah
	15 min rate (12.95A)	3.24Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 22mΩ
Temperature dependence of capacity(20HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self- Discharge 68°F(20°C) (Capacity after)	3 months	90%
	6 months	80%
	12 months	60%
Max. Discharge Current, 77°F(25°C)		105A(5s)
Floating design life, 77°F(25°C)		5 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(- 24mV/°C) max. current: 2.1A
	Float	13.6~13.8V(-18mV/°C)

Discharge Characteristics 77°F (25°C)



Charge Characteristic curve



Cycle service life in relation to depth of discharge

