

Code: 750019

Description

Sealed Lead Acid Battery, 12V/25AH



VisionNet

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 rateStrong 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

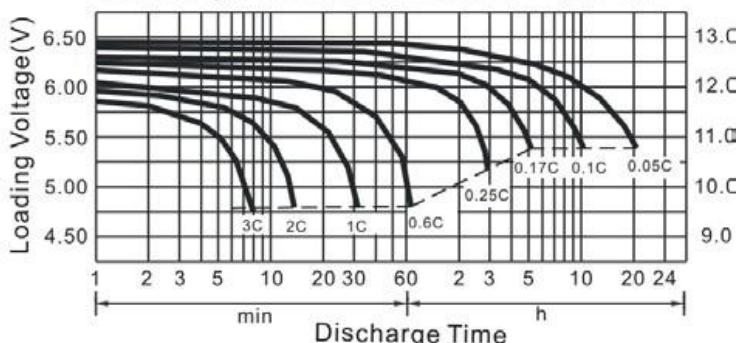
Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		25.0Ah
Dimensions (mm)	Length	176.5±2
	Width	167±2
	Height	124±2
	Total Height	127±2
Approx. Weight (kg)		7.4
Terminal		T10

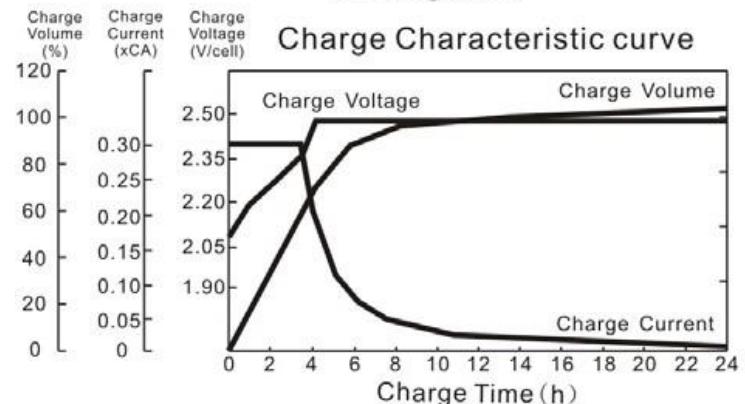
Characteristics

Capacity 77°F(25°C)	20HR (1.25A)	25.0Ah
	10HR (2.33A)	23.3Ah
	5HR (4.25A)	21.3Ah
	1HR (15.3A)	15.3Ah
	15 min rate (46.3A)	11.6Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 12mΩ
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)		375A(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: 7.5 A
	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

