

High Rate Valve Regulated SLA GEL Battery

Features

- Sealed and Maintenance Free
- Safety Valve for Ultimate Safety; Prevents Overpressure
- Exceptional Deep Discharge Recovery Performance
- Low Self Discharge Characteristics
- Highly Resistant to Vibration and Shock

Applications

- Remote Equipment Power
- Surveillance Cameras
- Wireless Base Stations
- Medical Equipment
- Remote Sensors
- Backup Power Systems



TPBAT12-50
12V 50Ah SLA GEL Battery

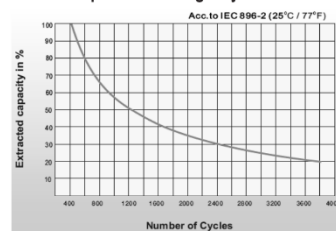
Description

The TPBAT12-50 high rate valve regulated sealed lead acid (VRLA) GEL battery has been developed for long term cycle operation in harsh environments. They have a cycle life that is about 2X a typical AGM battery. They are designed to operate over a wide temperature range such as those experienced in outdoor equipment applications. The batteries can be installed in any position without affecting their performance or reliability.

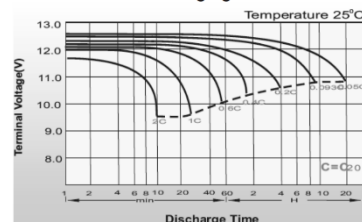
Specifications

TPBAT12-50	
Voltage	12V
Capacity (amp hours; 20hr)	50
Typical Float Life	5 Years
30% Discharge Cycle Life	2400 Cycles
Type / Technology	Valve Regulated Sealed Lead Acid GEL
Self-Discharge (25°C)	<3% per month
Charge Voltage (-30mV / °C)	14.4 to 15V ; Max Current 12.5A
Float Voltage (-20mV / °C)	13.5 to 13.8V
Internal Resistance	9mΩ
Operating Temperature	-40C (-40F) to +60C (140F)
Housing	ABS (UL94HB)
Certifications	UL
Compliances	REACH, RoHS
Dimensions (L x W x H)	229 x 138 x 205 (9 x 5.4 x 8.1")
Weight	16.6kg (36.6lb)
Warranty	2 Years

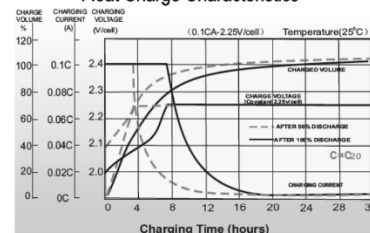
Depth of Discharge Cycle Life

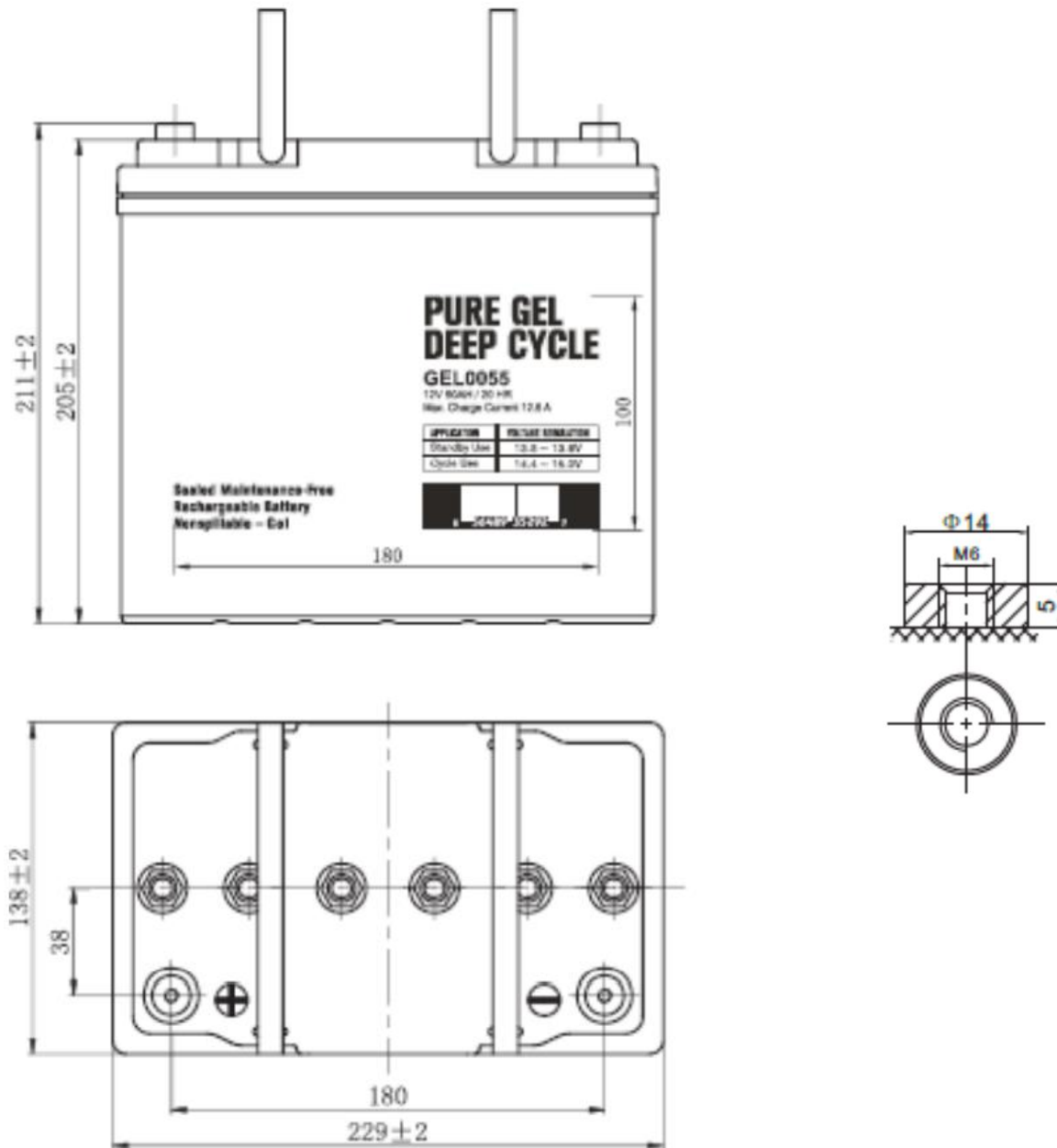


Discharging Current VS Discharging Time



Float Charge Characteristics





System Ordering:

TPBAT12-50 12V 50Ah Valve Regulated Sealed Lead Acid GEL Battery

For further information contact:

Tyconsystems.com

