

■ Motive Battery

□ Energy Storage Battery

□ Reserve Battery

□ Motorcycle Battery



Motive Battery-Deep Cycle Type-TNE Series

TNE12-60B

(12V 60Ah)

GENERAL FEATURES

- ◆ Oxygen recombination technology: Maintenance Free VRLA Battery, no need to add water or acid
- ◆ The patent grid alloy: less gassing, low self-discharge, excellent corrosion resistance performance
- ◆ Special paste formula: additives are added to improve deep discharge, long cycle life
- ◆ High quality AGM separator: extend cycle life and prevent micro short circuit
- ◆ The patent Nano silica gel electrolytes, extend cycle life and improve the deep discharge performance
- ◆ ABS container: increase the strength of battery (Flame-retardant ABSUL94-V0 is optional)



Dimension

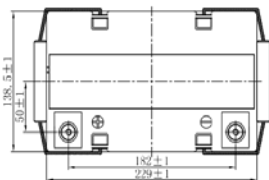
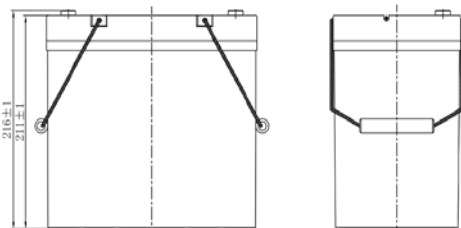
Unit:mm

Length 229±2mm / 9.02inch

Width 138.5±2mm / 5.45inch

Container Height 211±2mm / 8.31inch

Total Height 216±2mm / 8.5inch



Application

- ◆ Electric tools or toys
- ◆ Electric Bicycle/Tricycle
- ◆ Golf trolleys and golf cart
- ◆ Patrol car
- ◆ Electric Sight-seeing Tour Bus
- ◆ Sweeper
- ◆ Wheelchairs
- ◆ Lawn mowers
- ◆ Illumination light

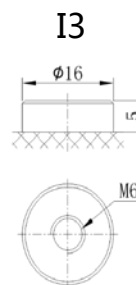
Terminal

Unit:mm

Terminal Type: I3

Weight

16.5kg 36.38lbs



ISO9001 ISO14001 OHSAS18001

This document is subject to change without prior notification

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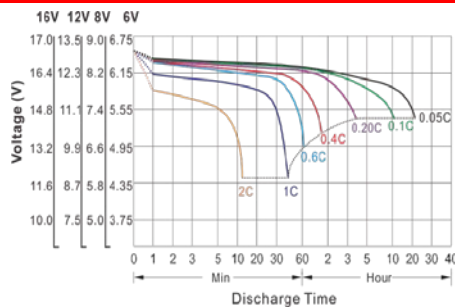
TNE12-60B

Specificaion

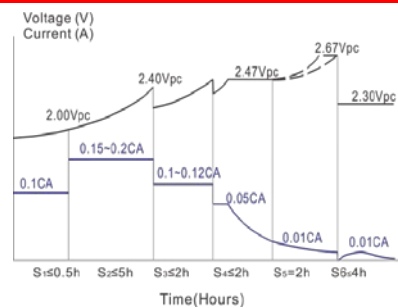
Nominal Voltage	12V		
Nominal Capacity	60Ah		
Rated Capacity (25°C)	C20(1.80V/cell)	60Ah	
	C10(1.80V/cell)	57Ah	
	C5(1.75V/cell)	54Ah	
Container Material	ABS (Flame-retardant ABSUL94-V0 is optional)		
Operating Temperature Range	Discharge	-20 ~ +50°C	
	Charge	0 ~ +40°C	
	Storage	-15 ~ +40°C	
Capacity Effected by Temperature	40°C / 104°F	106%	
	25°C / 77°F	100%	
	0°C / 32°F	86%	
	-10°C / 14°F	65%	
Charge Method	Please refer to the "Charge Characteristics (25°C)" below		
Monthly Self Discharge	<p><3%, TNE series stored at 25°C require a supplementary charge every six months, the charging interval would shrink when the ambient temperature went higher</p>		

Performance Curve

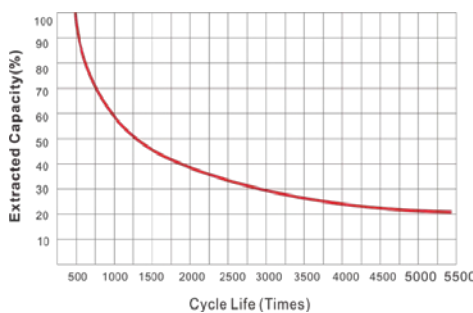
Discharge Characteristics (25°C)



Charge Characteristics (25°C)



Cycle Lives With Depth Of Discharge



Self-Discharge Characteristics

