

■ Motive Battery

□ Energy Storage Battery

□ Reserve Battery

□ Motorcycle Battery



### Motive Battery-Deep Cycle Type-TNE Series

# 6-EVF-36L

## (12V 23Ah)

### 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)



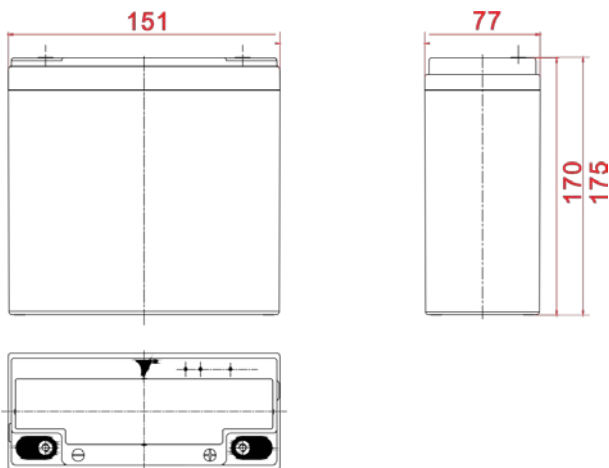
### Application

- ◆ 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

### Dimension

Unit:mm

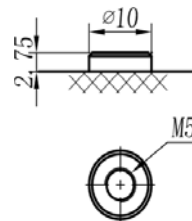
Length 267±2mm / 10.51inch  
 Width 77±2mm / 3.03inch  
 Container Height 170±2mm / 6.69inch  
 Total Height 175±2mm / 6.89inch



### Terminal

Unit:mm

Terminal Type: I10  
 I10



### Weight

10.4kg      22.93lbs



This document is subject to change without prior notification

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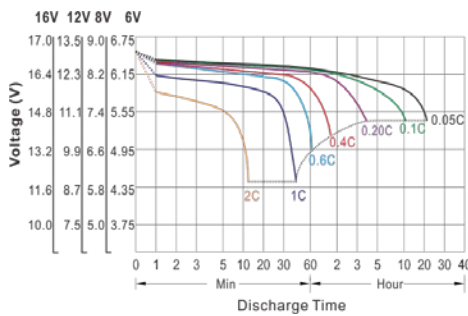
## 6-EVF-36L

### Specificaion

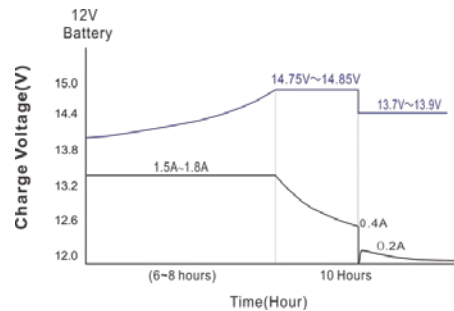
<b>Nominal Voltage</b>	12V
<b>Rated Capacity (25°C)</b>	<b>C10(1.80V/cell)</b> 43.6Ah
	<b>C5(1.75V/cell)</b> 40.2Ah
	<b>C3(1.70V/cell)</b> 36.2Ah
	<b>C2(1.70V/cell)</b> 35.5Ah
<b>Container Material</b>	ABS (Flame-retardant ABSUL94-V0 is optional)
<b>Operating Temperature Range</b>	<b>Discharge</b> -20 ~ +50°C
	<b>Charge</b> 0 ~ +40°C
	<b>Storage</b> -15 ~ +40°C
<b>Capacity Effected by Temperature</b>	<b>40°C / 104°F</b> 106%
	<b>25°C / 77°F</b> 100%
	<b>0°C / 32°F</b> 86%
	<b>-10°C / 14°F</b> 65%
<b>Charge Method</b>	Please refer to the "Charge Characteristics (25°C)" below
<b>Monthly Self Discharge</b>	<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

### Performance Curve

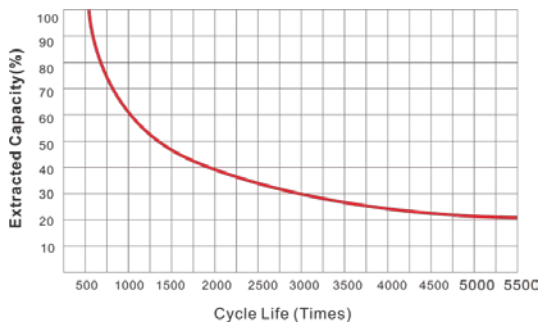
**Discharge Characteristics ( 25°C )**



**Charge Characteristics ( 25°C )**



**Cycle Lives With Depth Of Discharge**



**Self-Discharge Characteristics**

