☑ Motive Battery ☐ Energy Storage Battery

☐ Reserve Battery ☐ Motorcycle Battery

EVEREST Energy

Motive Battery-Deep Cycle Type-TNE Series

EVEREST TNE12-170 (12V-144AH/C5)

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 resistence performance
- Special paste formula: addictives are added to improve deep discharge,long cycle life
- 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)

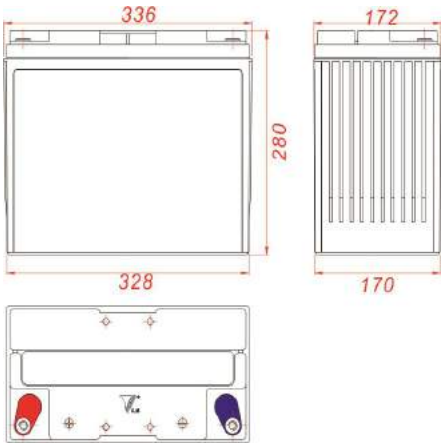
Application

- 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

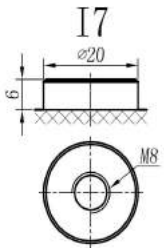
Length	336±2mm	/	13.23inch
Width	172±2mm	/	6.77inch
Container Height	280±2mm	/	11.02inch
Total Height	280±2mm	/	11.02inch



Terminal

Unit:mm

Terminal Type: I7



Weight

45kg 99.21lbs

ISO9001 ISO14001 OHSAS18001

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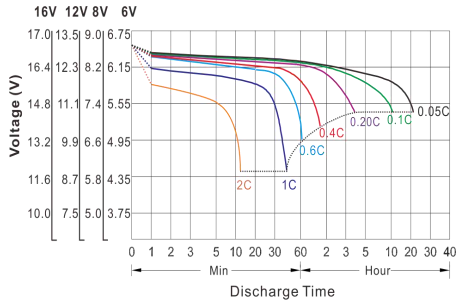
TNE12-170

Specificaion

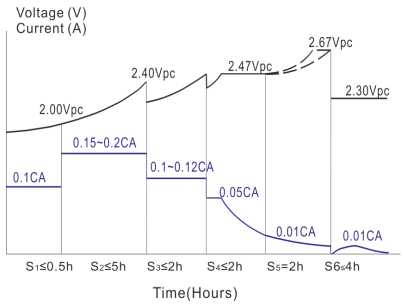
Nominal Voltage		12V
Rated Capacity (25°C)	**C20(1.80V/cell)**	168.3Ah
	C10(1.80V/cell)	153Ah
	C5(1.75V/cell)	144Ah
	C3(1.70V/cell)	135Ah
	C2(1.70V/cell)	125Ah
Container Material		ABS (Flame-retardant ABSUL94-V0 is optional)
Operating Temperature Range	**Discharge**	-20 ~ +50°C
	Charge	0 ~ +40°C
	Storage	-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		<3%, TNE series stored at 25℃ require a supplementary charge every six months, the charging interval would shrink when the ambient temperature went higher

Performance Curve

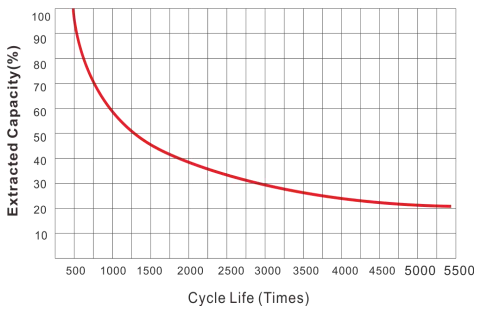
Discharge Characteristics (25℃)



Charge Characteristics (25℃)



Cycle Lifes With Depth Of Discharge



Self-Discharge Characteristics