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Certified ISO 9001:2015 / ISO 14001:2015



MODEL	GEXTT240 Tubular Deep Cycle Battery 12V 240Ah @C₂₀			
BATTERY	Tubular			
VOLTAGE	12V			
CAPACITY @C₂₀	240			
MATERIAL	Polypropylene			
DIMENSIONS (mm) ± 3 mm	Length	Width	Height (Up to cover)	Overall, Height (up to terminal)
	505	190	398	410
Battery Weight(±3%)	68.5			
GROSS WEIGHT(±3%)	70.5			



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CHARGING INSTRUCTIONS

BOOST CHARGING (Amp)		TRICKLE MODE (mAmp)	
STARTING RATE	FINISHING RATE	MINIMUM	MAXIMUM
24.1	11.4	202	795

CHARGE CHARACTERISTICS (27°C)

Cycle Use	Standby Use
14.60-14.8V (-40mV/°C), Maximum Current 30A	13.60-13.80V (-20mV/°C)

* Battery to be recharged in CCCV mode only.

CONSTANT POWER DISCHARGE PERFORMANCE**

MAXIMUM BACKUP DURATION (HH:MM)			
400 W	300 W	200 W	100 W
05:30	07:30	12:30	27:00

**All test data are based on stabilized battery capacity on new battery & under controlled laboratory test conditions.

CONSTANT CURRENT DISCHARGE PERFORMANCE**

CAPACITY AMP-HOUR (Ah)				I_R
240	215	181	160	7 mΩ

**All data are based on stabilized battery capacity on new battery & under controlled laboratory test conditions.

CHARGING TEMPERATURE COMPENSATION

ADD	SUBTRACT
0.005 Volt per cell for every 1°C below 25°C 0.0028 Volt per cell for every 1°F below 77°F	0.005 Volt per cell for every 1°C above 25°C 0.0028 Volt per cell for every 1°F above 77°F

OPERATIONAL DATA

OPERATING TEMPERATURE	SELF DISCHARGE
-4°F to 113°F(-20°C to + 45°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%	Less than 1% per month at 27°C temperature conditions.

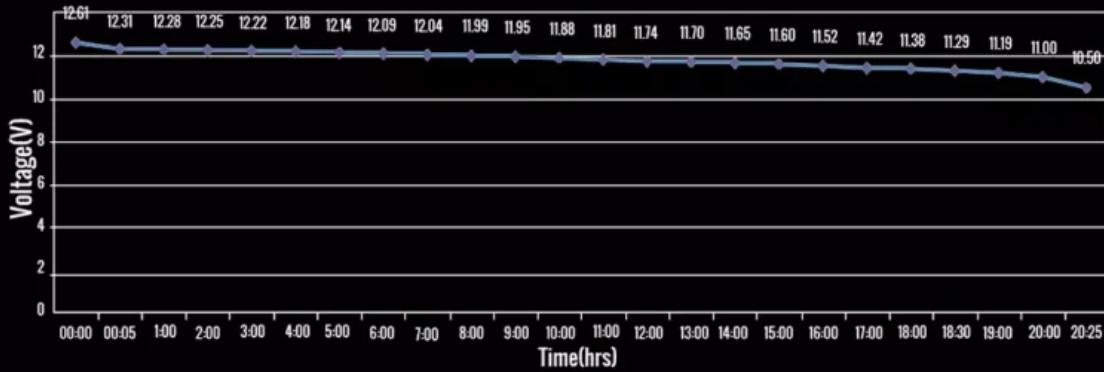


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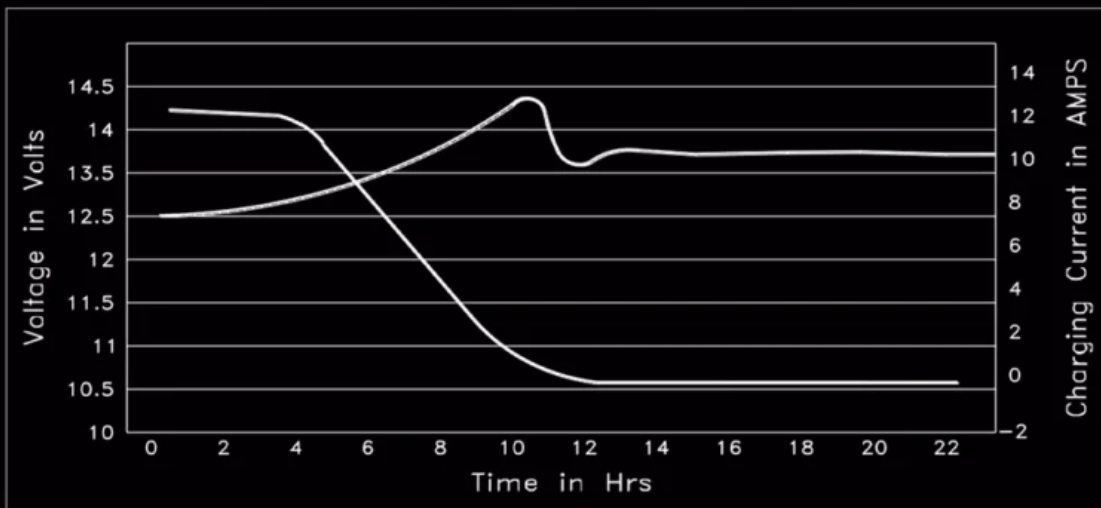


Constant current Discharging Characteristics @27°C

C20 Discharge Curve



Charging Characteristics



DoD Vs Cycle Life

DoD Vs Cycle Life

