

## TUBULAR DEEP CYCLE BATTERY DATA SHEET

### LITT31060 (12V 250Ah@C10)

Nominal Voltage	Rated Capacity@10Hr		Dimensions in mm			Battery Gross weight (Kg)
			Length	Width	Height	
12	250Ah	C10	505±3	190±3	410±3	71±3%

### APPLICATIONS

- Solar Backup and renewable energy system
- Telecom Communication Equipment
- Fire Alarm & Security Systems
- Medical Instruments
- Computer & Data center backup
- Electronics PBX System.
- Power Plant & Sub Stations.
- Process Instruments and Control.



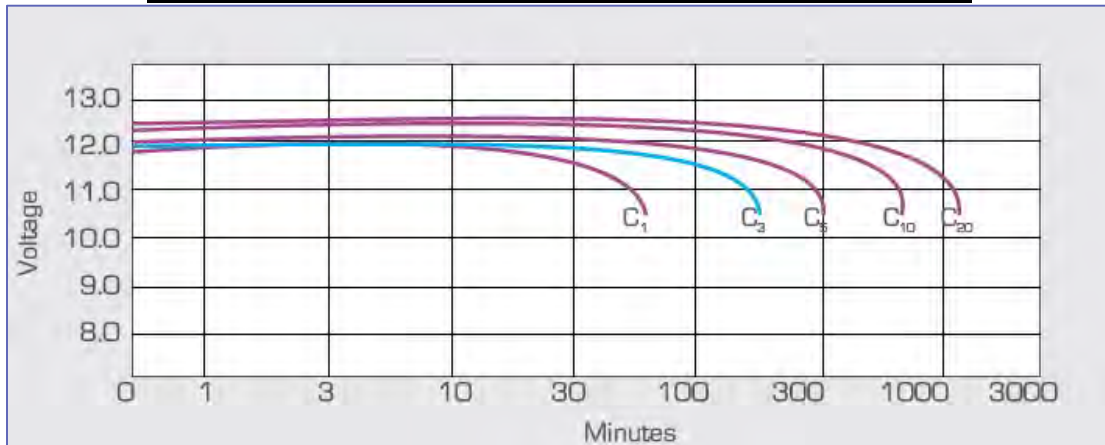
### ELECTRICAL PARAMETERS

Battery Specified Capacity Test @ 27 °C					
C20@10.5V	C10@10.8V	C5@10.8V	C3@10.8V	C2@10.8V	C1@10.5V
266	250	213	189	170	139
Ah & Wh Efficiency					
Ah Efficiency	> 93%		Wh Efficiency	>80%	
OCV at 100% SOC -12.60 - 12.70			<b>Backup @ 400 Watt Load + 15 minutes - 5 Hours 30 minutes</b>		
ISO Standards	<b>Certified ISO 9001:2008 / ISO 14001:2004 /</b>				
Cyclic use	Max. Current 25A   Temp Compensation on 15mV/°C   Cycle Use 15.8 to 16.2 volt			<b>Self Discharge ( 27°C ):</b> <b>3 Month Storage</b> - Remaining Capacity: 88% <b>6 Month Storage</b> - Remaining Capacity: 75%	
Float Use	Max. Current 25A   Temp Compensation on 15mV/°C   Standby Use 13.8 to 14.2 volt				

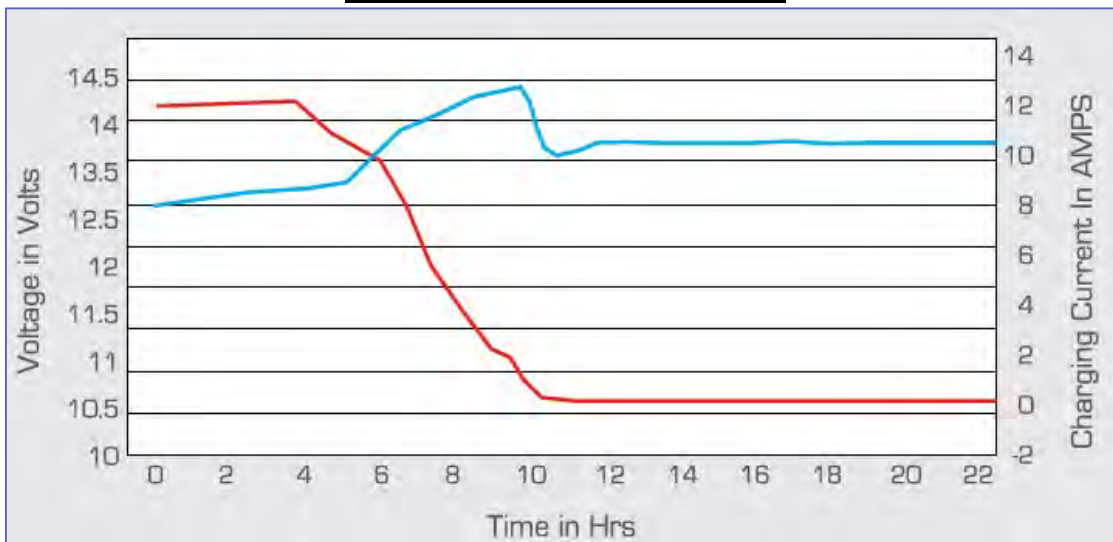
### UNIQUE FEATURES:

1. Super TUFF Grid Design with double side pasting for longer battery life.
2. Tubular Plates with Gauntlets, made of special fabric having ultra-fine pores and high permeability to ensure higher backup and longer life.
3. NAM with Active Carbon: Increased reaction surface area for higher backup.
4. Futuristic Design: New-age premium design with durable high quality material.
5. Low Antimony alloy - Lesser water consumption and reduced water top-up.
6. Optimized Negative paste recipe for fast charge acceptance.
7. Robust Tubular with High pressure die-cast spine - rate of grid corrosion is very low & higher float life.
8. Ceramic Vent Plugs- Special ceramic vent plugs for controlled acid fumes.
9. Highest purity CP Grade Sulphuric Acid for increased storage life.

**DISCHARGING CHARACTERISTICS at various rates @ 27°C**



**CHARGING CHARACTERISTICS**



**EXPECTED LIFE @ 27°C**

