



**TUBULAR DEEP CYCLE BATTERY DATA SHEET**

**LITT 27060 (12V200Ah@C10)**

Nominal Voltage	Rated Capacity@10Hr		Dimensions in mm			Battery Gross weight (Kg)
			Length	Width	Height	
12	200Ah	C10	505±3	190±3	410±3	66±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**

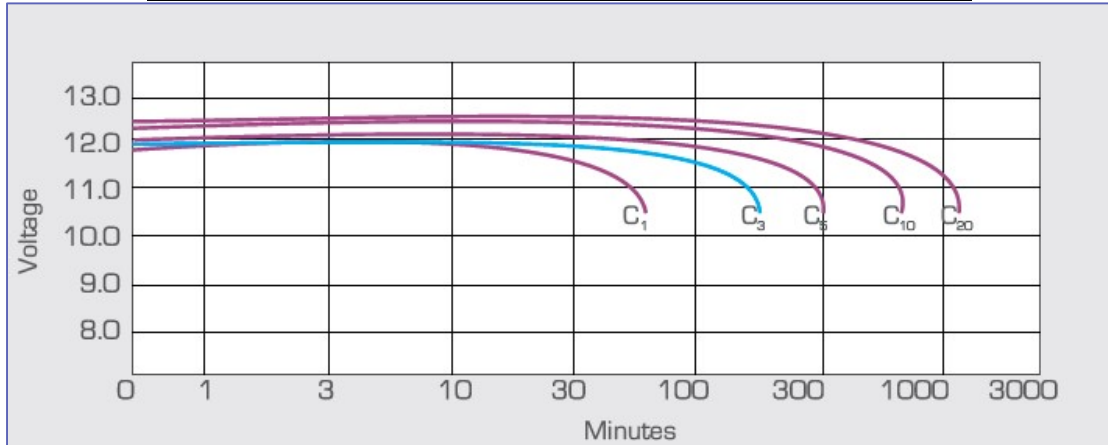
Battery Specified Capacity Test @ 27 °C					
<b>C20@10.5V</b>	<b>C10@10.8V</b>	<b>C5@10.8V</b>	<b>C3@10.8V</b>	<b>C2@10.8V</b>	<b>C1@10.5V</b>
226	204	181	159	142	107
Ah & Wh Efficiency					
<b>Ah Efficiency</b>	> 95%			<b>Wh Efficiency</b>	>84%
<b>OCV at 100% SOC -12.60 - 12.70</b>				<b>Backup @ 400 Watt Load + 15 minutes - 4.30 Hours</b>	
<b>ISO Standards</b>	<b>Certified ISO 9001:2008   ISO 14001:2004  </b>				<b>Self Discharge ( 27°C ): 4 Month Storage - Remaining Capacity: 88% 6 Month Storage - Remaining Capacity: 80%</b>
<b>IEC Standards</b>	<b>Certified NIS IEC 61427-1:2013</b>				
Cyclic use	Max. Current 25A   Temp Compensation on 15mV/°C   Cycle Use 14.4 to 14.6 volt				
Float Use	Max. Current 25A   Temp Compensation on 15mV/°C   Standby Use 13.5 to 13.8 volt				

**UNIQUE FEATURES:**

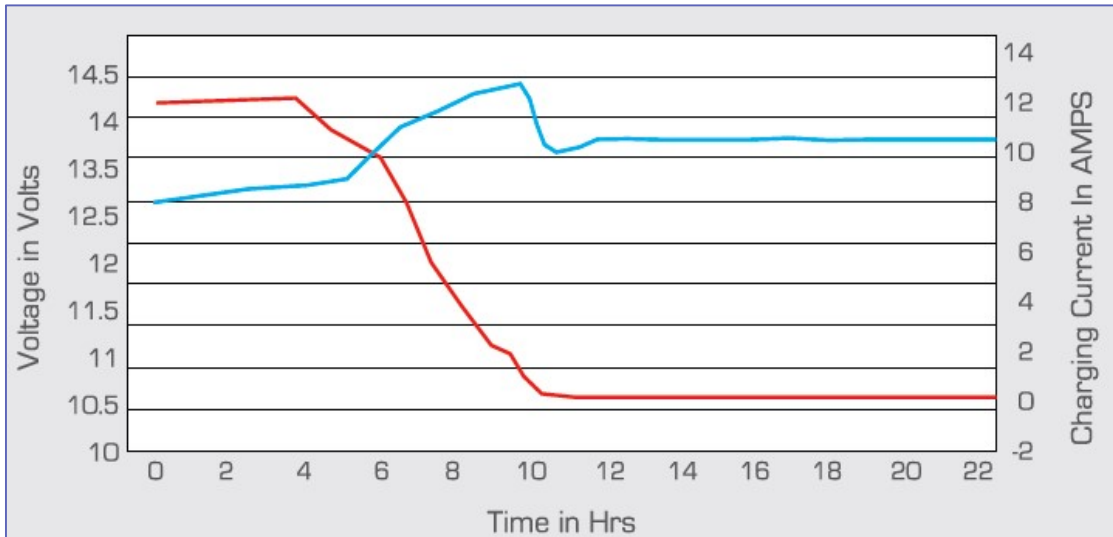
1. Super TUFF Grid Design with double side pasting for longer battery life.
2. Tubular Plates with Gauntlets, made of special fabric having ultra-fine pores and high permeability to ensure higher backup and longer life.
3. NAM with Active Carbon: Increased reaction surface area for higher backup.
4. 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**

