

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.



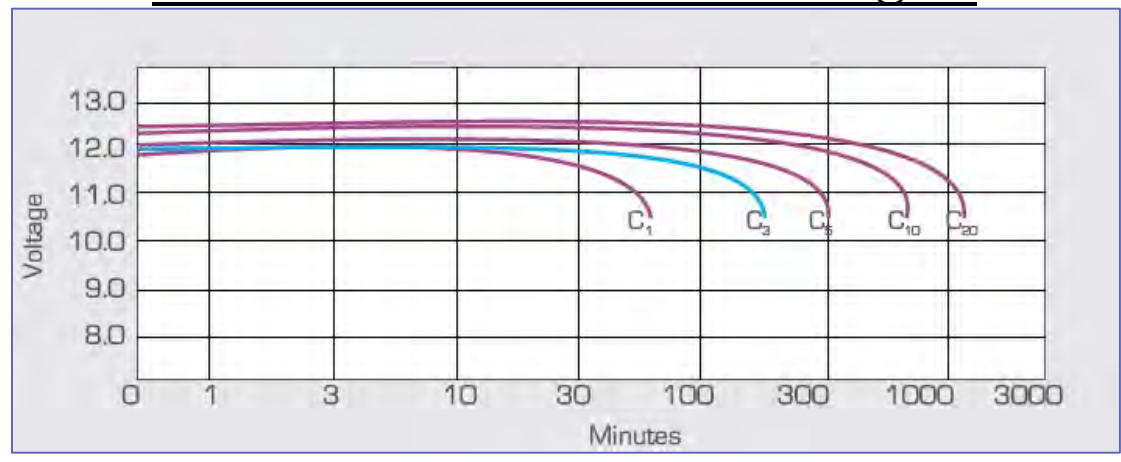
ELECTRICAL PARAMETERS

Battery Specified Capacity Test @ 27 °C					
C20@10.5V	C10@10.8V	C5@10.8V	C3@10.8V	C2@10.8V	C1@10.5V
226	204	181	159	142	107
Ah & Wh Efficiency					
Ah Efficiency	> 95%			Wh Efficiency	>84%
OCV at 100% SOC -12.60 - 12.70				Backup @ 400 Watt Load + 15 minutes - 4.30 Hours	
ISO Standards	Certified ISO 9001:2008 ISO 14001:2004 				Self Discharge (27°C): 4 Month Storage - Remaining Capacity: 88% 6 Month Storage - Remaining Capacity: 80%
IEC Standards	Certified NIS IEC 61427-1:2013				
Cyclic use	Max. Current 25A Temp Compensation on 15mV/°C Cycle Use 15.8 to 16.2 volt				
Float Use	Max. Current 25A Temp Compensation on 15mV/°C Standby Use 13.8 to 14.2 volt				

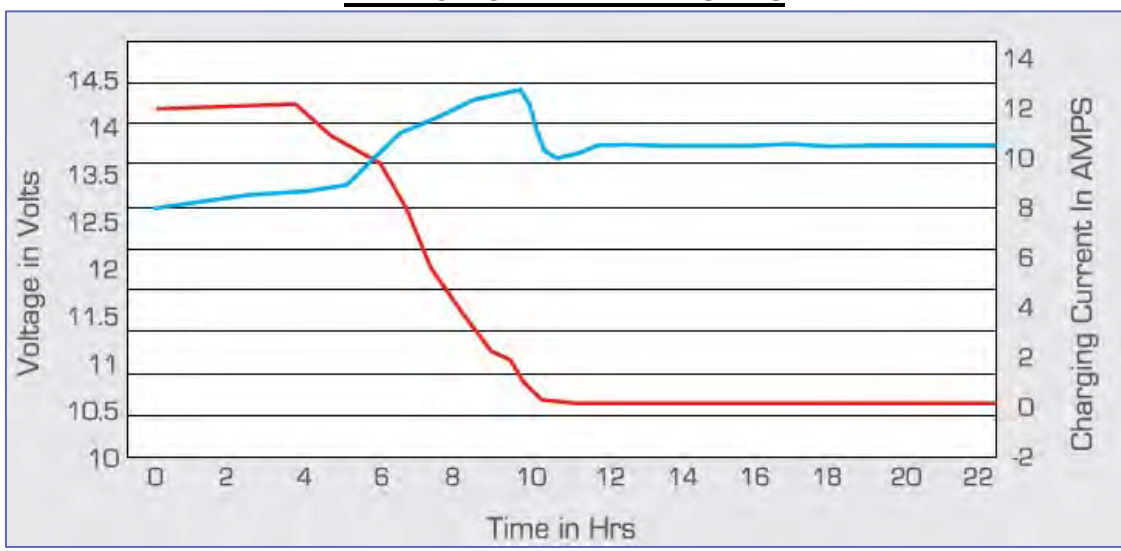
UNIQUE FEATURES:

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

