

Pilot Industries limited

Certified ISO 9001:2008 / ISO 14001:2004 /

TUBULAR DEEP CYCLE BATTERY DATA SHEET

LITT 25060 (12V 200Ah @ C20) HEXA Brand

Nominal Voltage	Rated Capacity@20Hr		Dimensions in mm			Battery Gross weight (Kg)
			Length	Width	Height	
12	200Ah	C20	505±3	190±3	410±3	62±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
201	176	147	126	111	88
Ah & Wh Efficiency					
Ah Efficiency	> 93%		Wh Efficiency	>80%	
OCV at 100% SOC -12.60 - 12.70			Backup @ 400 Watt Load + 15 minutes - 3 Hours 45Minutes		
ISO Standards IEC Standards	Certified ISO 9001:2008 ISO 14001:2004 Certified NIS IEC 61427-1:2013				Self Discharge (27°C): 3 Month Storage - Remaining Capacity: 88% 6 Month Storage - Remaining Capacity: 75%
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				

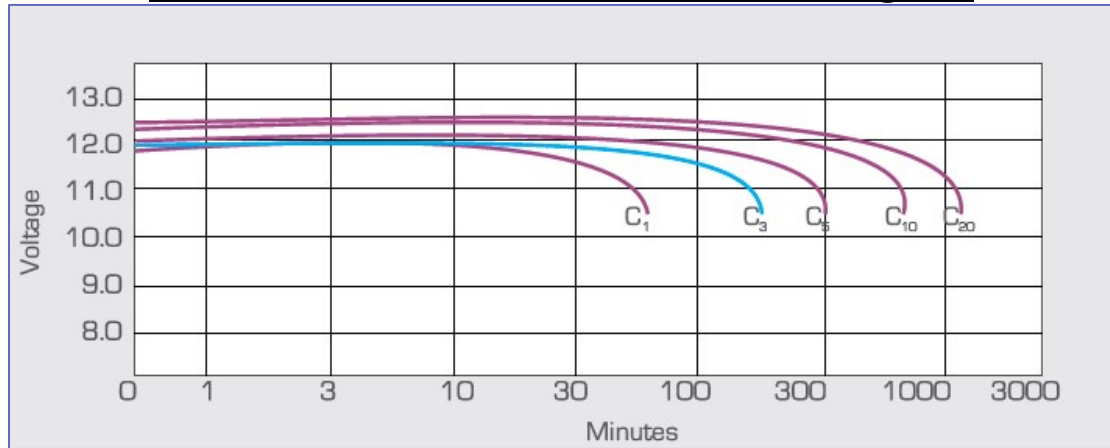
UNIQUE FEATURES:

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.

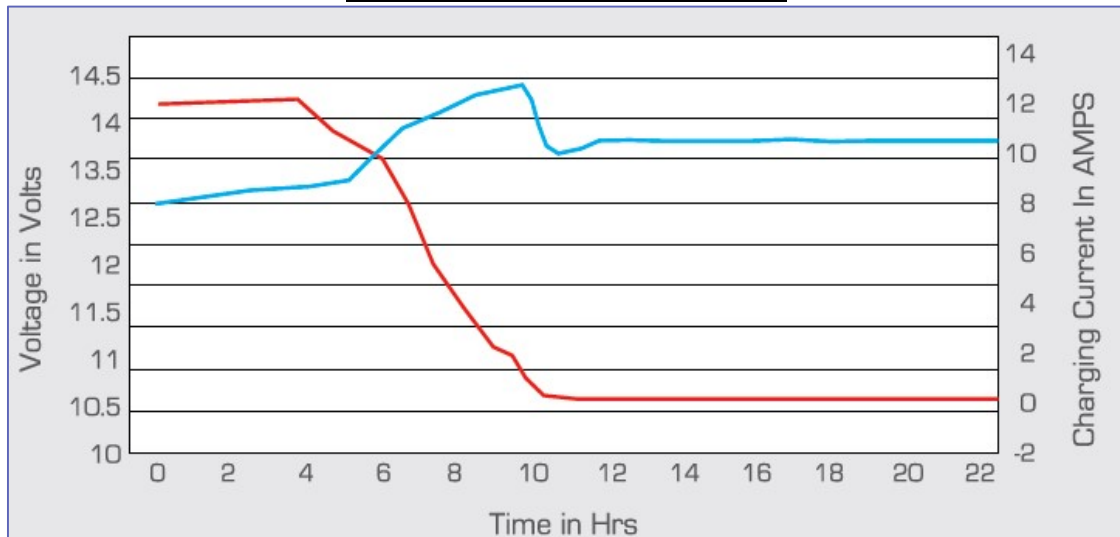
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DISCHARGING CHARACTERISTICS at various rates @ 27°C



CHARGING CHARACTERISTICS



EXPECTED LIFE @ 27°C

