



Certified ISO 9001:2008 / ISO 14001:2004 /

Free Power Battery

TUBULAR DEEP CYCLE SOLAR BATTERY DATA SHEET

LITT 18046 (12V 200 Ah @ C10)

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



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
240	204	181	159	142	107

Ah & Wh Efficiency			
Ah Efficiency	> 93%	Wh Efficiency	>80%

Charging Method (CC/ CV)		Capacity Loss on Storage
Max Current	20A	5% Per Month
Cyclic use	14.5 V	
Float Use	13.8 V	

UNIQUE FEATURES:

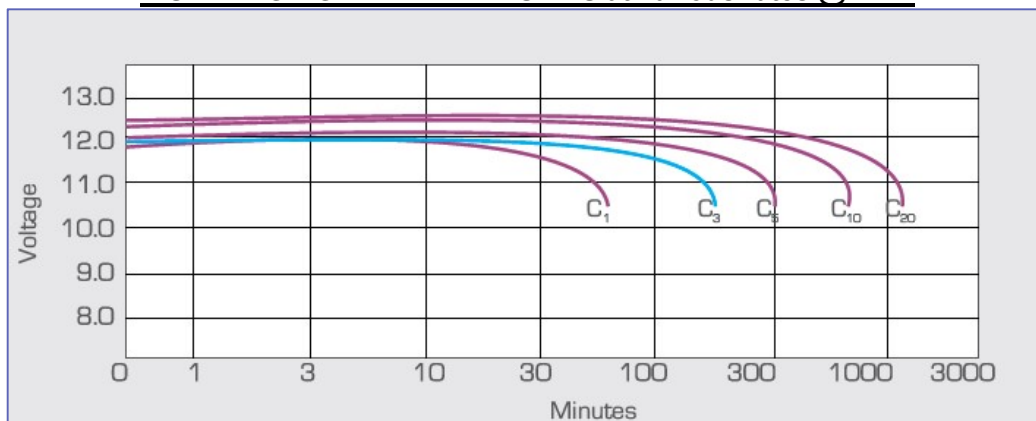
1. Super TUFF Grid Design with double side pasting for longer battery life.
2. Tubular Plates with Gauntlets, made of special fabric having ultra-fine pores and high permeability to ensure higher backup and longer life.
3. NAM with Active Carbon: Increased reaction surface area for higher backup.
4.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



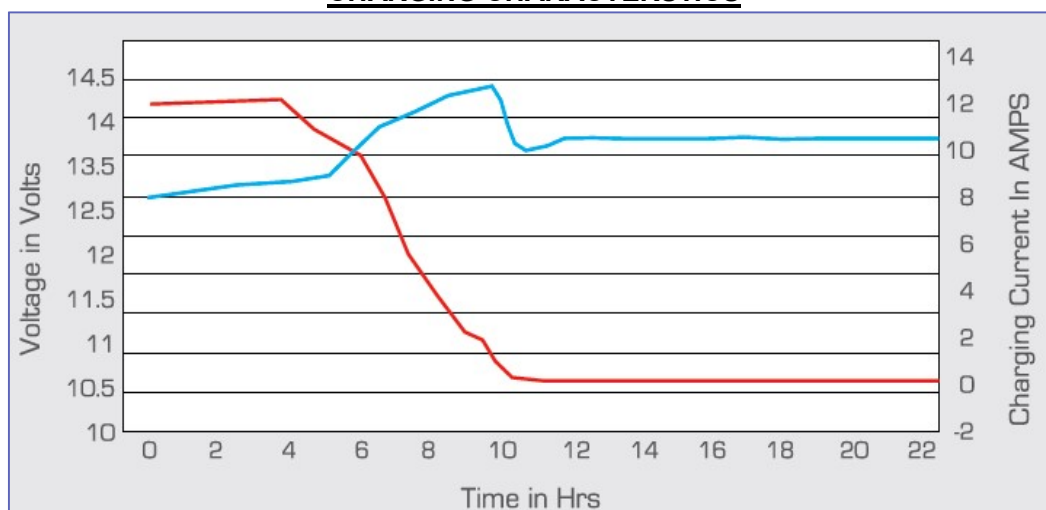
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DISCHARGING CHARACTERISTICS at various rates @ 27°C



CHARGING CHARACTERISTICS



EXPECTED LIFE @ 20°C

