

# Battery SP12200TT

200Ah/12V@C10  
200Ah/12V@C20



## For Solar and UPS Applications

**Boost Voltage 14.4V - 14.8V @ 27 °C**

**Float Voltage 13.4V - 13.8V @ 27 °C**

ISO 9001:2008  
ISO 14001:2004  
IEC 61427-1:2013



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## Tubular deep cycle solar battery data sheet

SP12200TT - 200Ah / 12 V@ C10		SP12200TT - 200Ah / 12 V@ C20			Battery Gross Weight (Kg)
Nominal Voltage (V)	Rated Capacity @10Hr	Dimensions (mm)			
		Length	Width	Height	
12 V	200 Ah	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
226	204	181	159	142	107
Ah & Wh Efficiency					
Ah Efficiency	> 95%		Wh Efficiency	> 80%	
Charging Method (CC/CV)				Capacity Loss on Storage	
Max Current	20 A			5% Per Month	
Cyclic use	25 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.

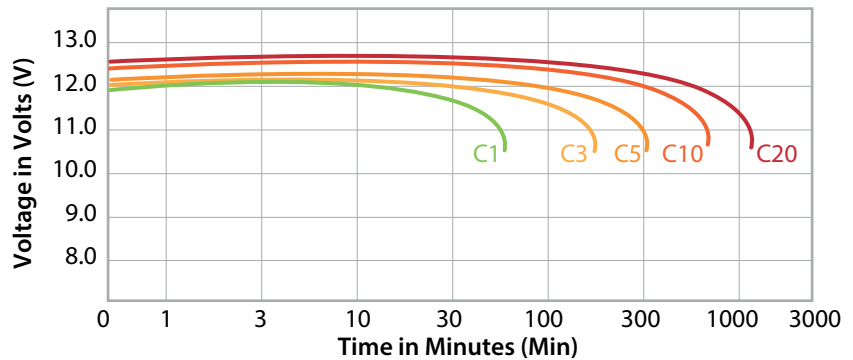
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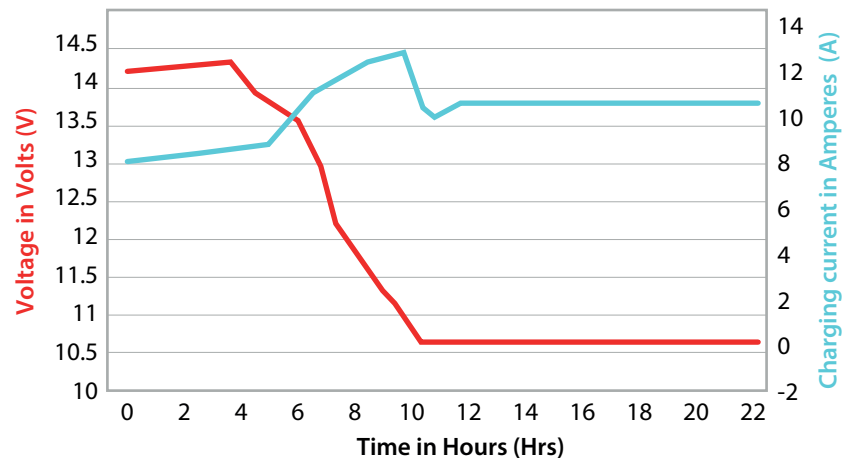


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TRUE GREEN ENERGY

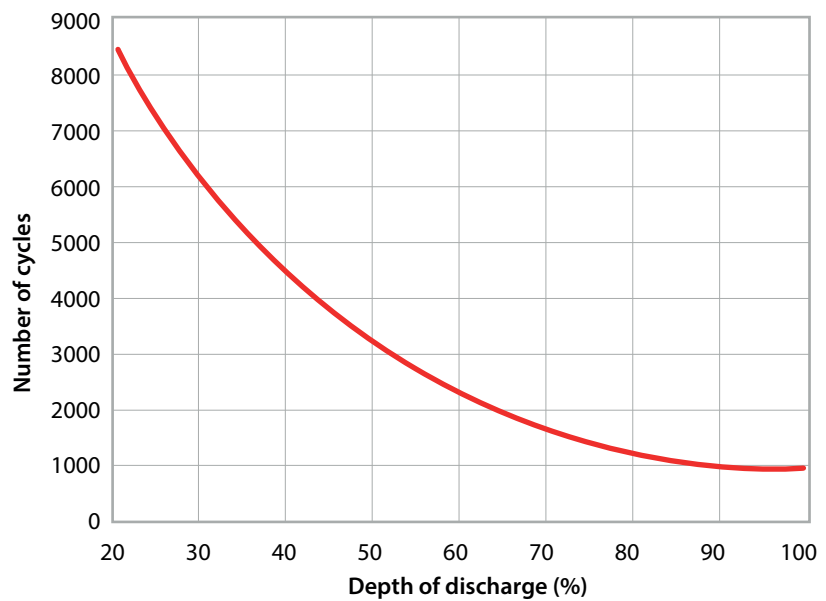
## Discharging Characteristics at Various rates @ 27°C



## Charging Characteristics



## Expected Life @ 20°C



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Product Specifications are subject to change without further notice.

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