

## TUBULAR DEEP CYCLE BATTERY DATA SHEET

### IT 230EXTT (12V 230 Ah @ C20)

Nominal Voltage	Rated Capacity@20Hr	Dimensions in mm			Battery Gross weight (Kg)
		Length	Width	Height	
12	230Ah	505±3	190±3	410±3	65.6±3%



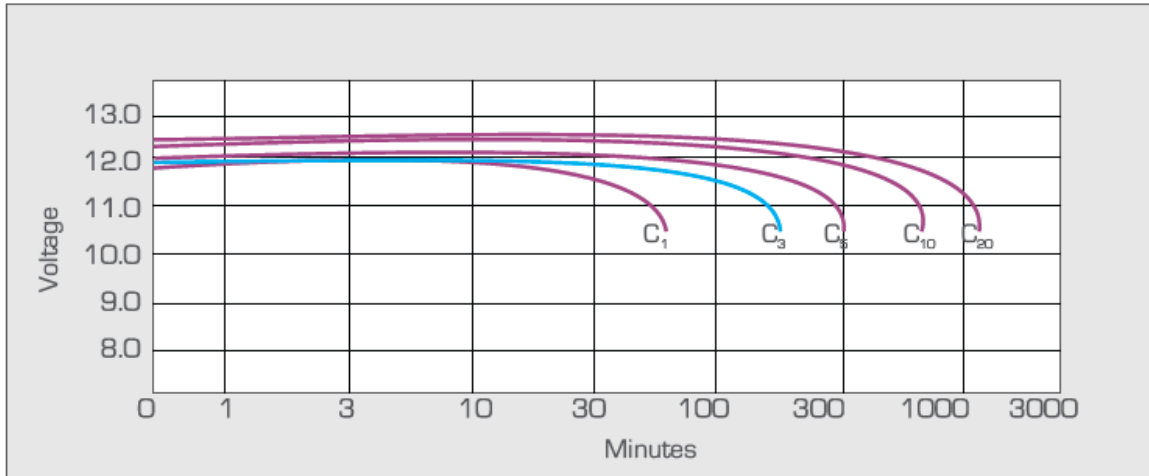
### ELECTRICAL PARAMETERS

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>
230	202	169	145	128	101
Ah & Wh Efficiency					
<b>Ah Efficiency</b>	> 93%		<b>Wh Efficiency</b>	>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				

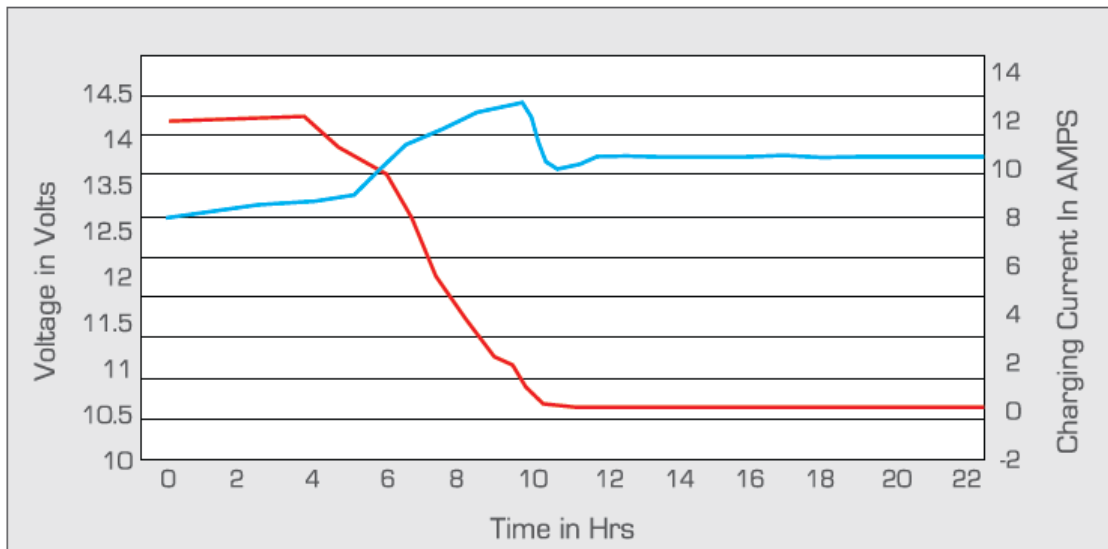
### UNIQUE FEATURES:

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.

**DISCHARGING CHARACTERISTICS at various rates @ 27°C**



**CHARGING CHARACTERISTICS**



**DoD vs. Cycle Life**

