

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	65.2±3%



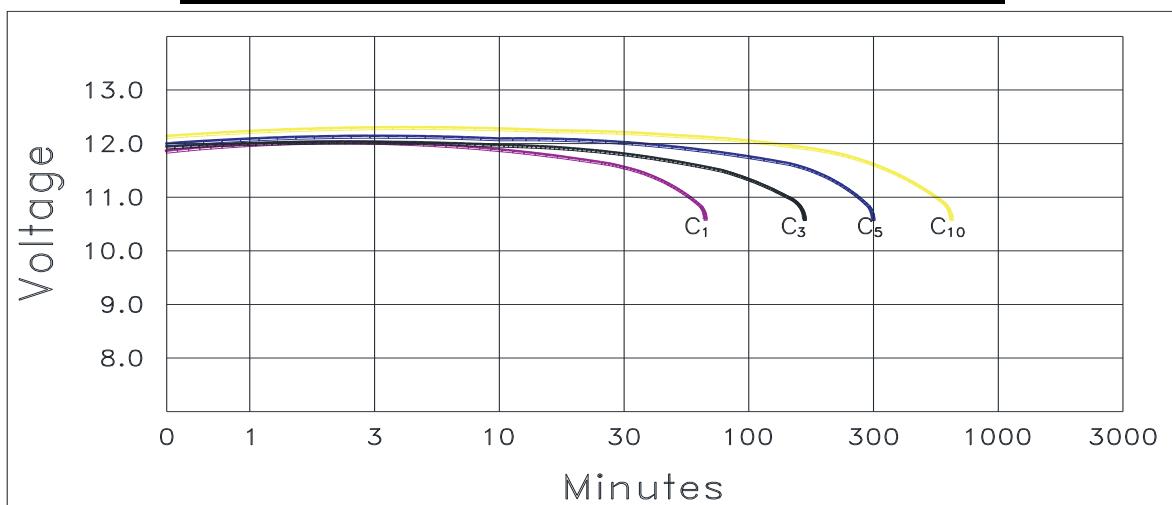
ELECTRICAL PARAMETERS

Battery Specified Capacity Test @ 27 °C							
C20@10.5V	C10@10.8V	C5@10.8V	C3@10.8V	C2@10.8V	C1@10.5V		
230	202	169	145	128	101		
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						

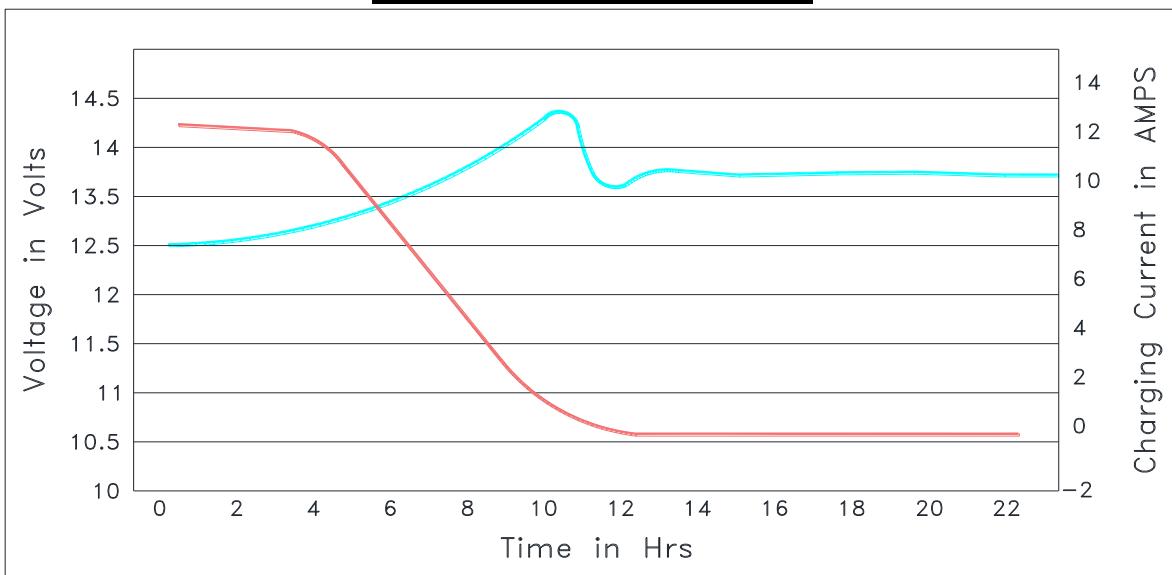
UNIQUE FEATURES:

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.

DISCHARGING CHARACTERISTICS at various rates @ 27°C



CHARGING CHARACTERISTICS



DoD Vs. Cycle life

