

TALL TUBULAR BATTERY

GP-122000-TS

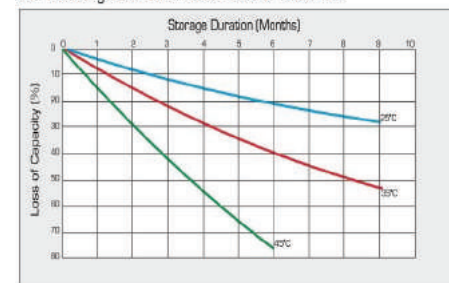
- >> Highly porous low resistance separator
- >> Factory Charged & Acid filled so purity and performance is ensured
- >> High pressure die casting spine grids ensures uniformity
- >> Special additives to ensure low self discharge
- >> Tough design to ensure extended service life
- >> Advanced tubular plates technology ensures faster charge acceptance



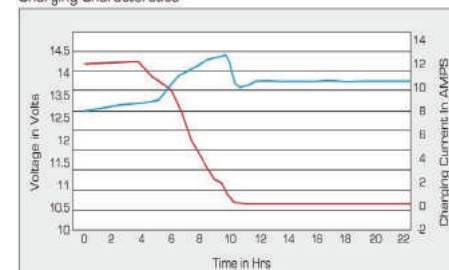
TUBULAR BATTERY 200Ah C10			
Model Number		GP-122000-TS	
Nominal Voltage (In Volts)		12V	
Capacity (10 Hrs , 27 Degree C)		200AH	
Dimensions (In mm)	Length	510	
	Width	195	
	Height	415	
Gross Battery Weight (Kgs) (+/- 3%)		67 Kgs	
Design life		5 -6 Years	
CHARACTERSTICS			
Capacity @ 10 hr rates @ 27 Degree C		200AH	
Absorption Voltage		14.4 V	
Float Voltage		13.6V	
Equalization Voltage		15.6V	
Self Discharge (27 degree C)	3 Months	85% or more	
Operating Temp Range	Discharge	15 to 50° C	
	Charge	0 to 50° C	
	Storage	20 to 38° C	
OCV at 100 % State of Charge		12.50 to 12.65 Volts	
Charge Methods (CV Charge @27 degree -- Cyclic Use)		14.20 to 14.40 Volts	
		Maximum Current 20 Ampere	
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery	
Charge Methods (CV Charge @27 degree -- Float Use)		Standby Use 13.60 to 13.80 Volts	
		Maximum Current 20 Ampere	
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery	
PERFORMANCE GRAPHS			

Constant -Voltage Discharge Table								
Model	Voltage	Capacity	Battery Dimension(MM)					
200	12.60V	200 AH @C10	length	Width	Height			
Weight (Kg)	67 Kgs		505	190	410			
Constant Power Discharge Table (Ampere)								
End Voltage	1 H	2 H	3 H	4 H	5 H	6 H	8 H	10 H
10.20	110	71.3	53.8	43.1	35.31	32.1	25.76	21
10.50	105	67.3	50.8	41.1	34.33	30.6	24.77	20.5
10.80	100	63.3	47.8	39.1	33.32	29.1	23.75	20
Constant Power Discharge Table (Watt at 27°C)								
End Voltage	1 H	2 H	3 H	4 H	5 H	6 H	8 H	10 H
10.20	1305	834	614	495	421	374	310	255
10.50	1258	794	598	479	412	361	298	246
10.80	1205	762	584	467	402	349	285	235

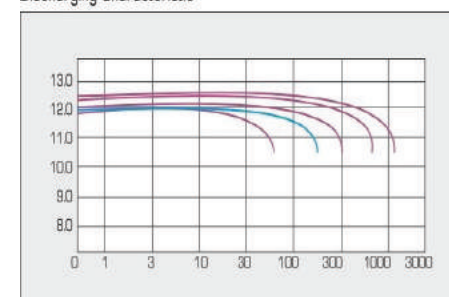
Self Discharge Characteristics - Tubular Batteries



Charging Characteristics



Discharging Characteristic



Life Cycle @ 27° C

