

BATTERY

GP-122000-TS

GOOQ

POWER

Tall Tubular Battery 12V , 200Ah



Features:

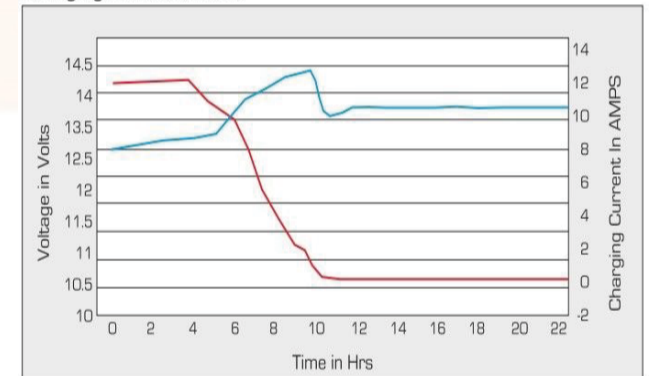
- >> Highly porous low resistance separator
- >> Factory Charged & Acid filled so purity and performance is ensured
- >> High pressure die casting spine grids ensures uniformity
- >> Special additives to ensure low self discharge
- >> Tough design to ensure extended service life
- >> Advanced tubular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

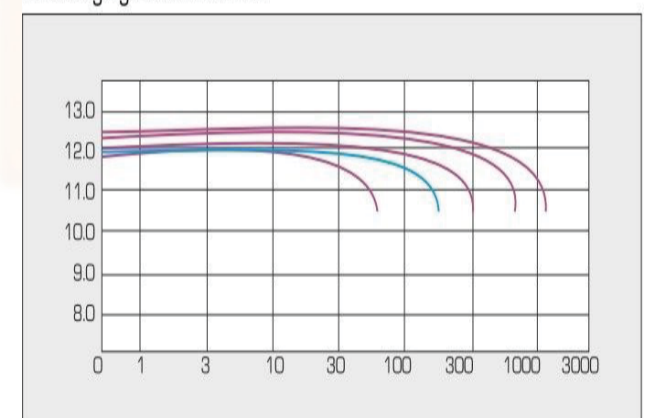
Self Discharge Characteristics - Tubular Batteries



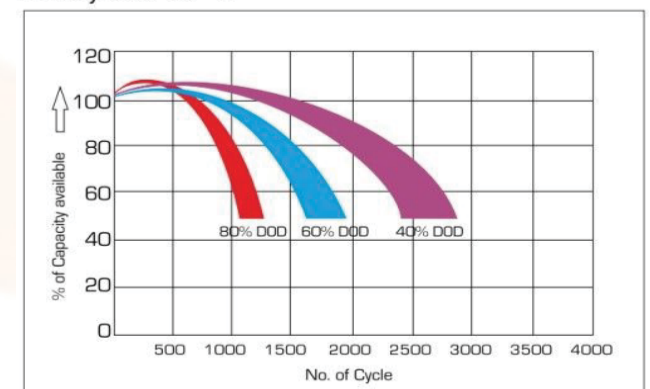
Charging Characteristics



Discharging Characteristic



Life Cycle @ 27° C



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