

BATTERY

GP-122000-C2TS

GOOQ

POWER

Tall Tubular Battery 12V , 200Ah

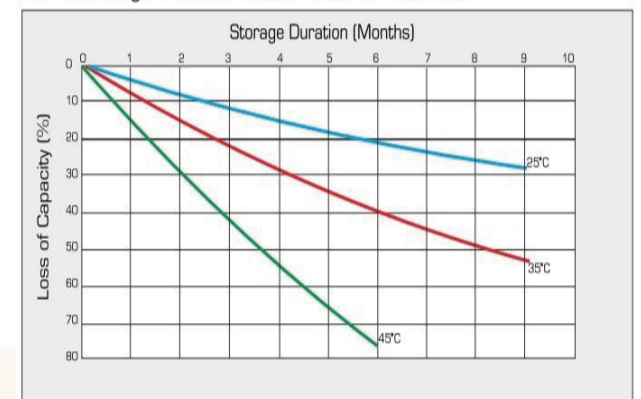


Features:

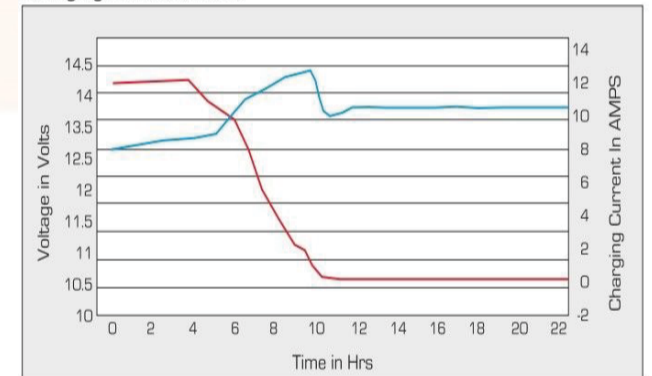
- >> Highly porous low resistance separator
- >> Factory Charged & Acid filled so purity and performance is ensured
- >> High pressure die casting spine grids ensures uniformity
- >> Special additives to ensure low self discharge
- >> Tough design to ensure extended service life
- >> Advanced tubular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

TUBULAR BATTERY 12V / 200AH C20		
Model Name	GOGO POWER 200AH	
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%)	64 Kgs	
Design life	5 -6 Years	
SALIENT 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		
CHARACTERISTICS		
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
	Discharge	15 to 50° C
	Charge	0 to 50° C
Operating Temp Range	Storage	20 to 38° C
OCV at 100 % State of Charge		12.5 to 12.65 Volts
		14.2 to 14.4 Volts
Charge Methods (CV Charge @27 degree -- Cyclic Use)		Maximum Current 20 Ampere
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery
		Standby Use 13.6 to 13.8 Volts
Charge Methods (CV Charge @27 degree -- Float Use)		Maximum Current 20 Ampere
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery
PERFORMANCE GRAPHS		

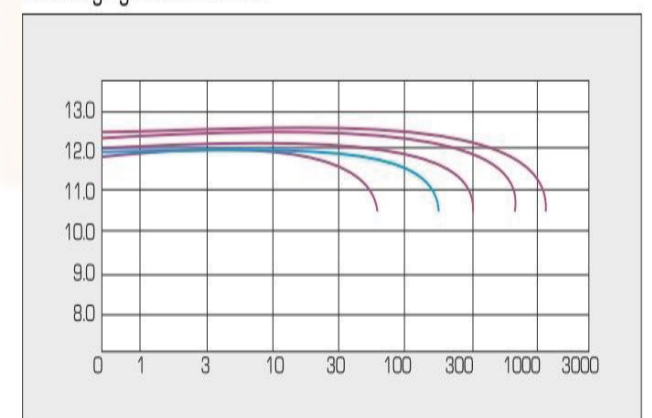
Self Discharge Characteristics - Tubular Batteries



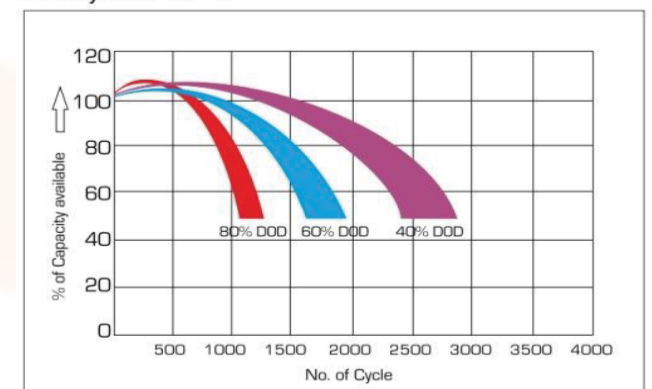
Charging Characteristics



Discharging Characteristic



Life Cycle @ 27° C



Constant -Voltage Discharge Table

Model	Voltage	Capacity	Battery Dimension(MM)		
200	12.60V	200 AH @C20	length	Width	Height
Weight (Kg)		64 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	20H
10.20	94	60.76	45.88	37.57	31.77	27.38	22.1	19.2	10.6
10.50	91	58.23	43.97	36.01	30.52	26.44	21.5	18.6	10.3
10.80	88	55.7	42.06	34.41	29.32	25.61	20.9	17.8	10

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	20H
10.20	1230	711	549	444	381	327	267	227	131
10.50	1204	692	533	431	368	318	258	221	126
10.80	1075	676	518	418	357	310	254	215	122