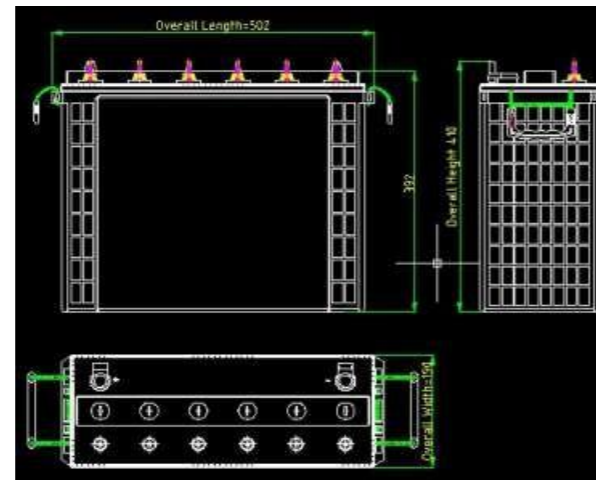


TALL TUBULAR BATTERY

SPECIFICATIONS 12V 220Ah@C20

NOMINAL VOLTAGE		12V
Rated Capacity (20 hour rate)		220 Ah
Dimensions in mm	Length	502 mm
	Width	190 mm
	Height upto Terminal	410 mm
Weight		64 kgs



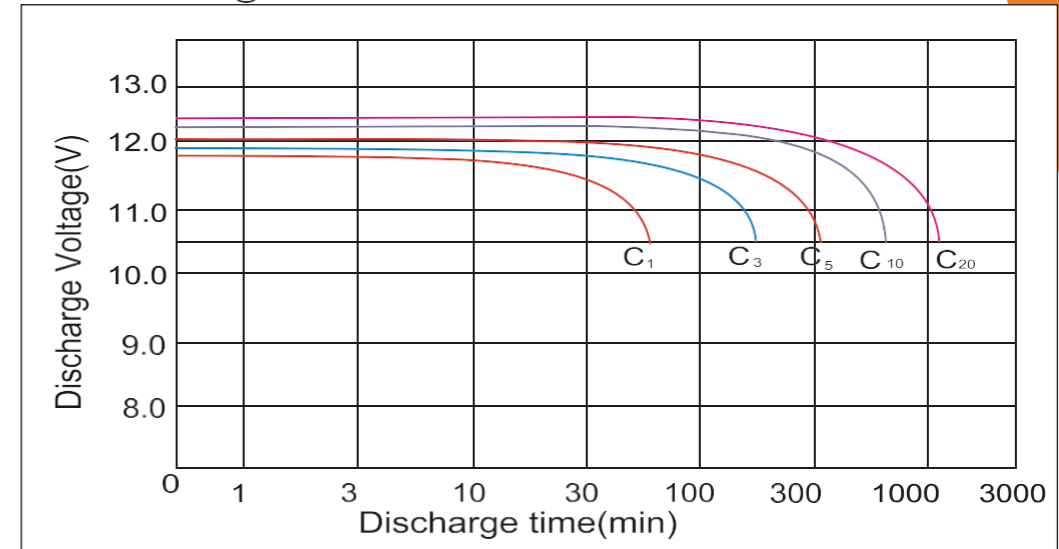
DIMENSIONS

ELECTRICAL PARAMETERS

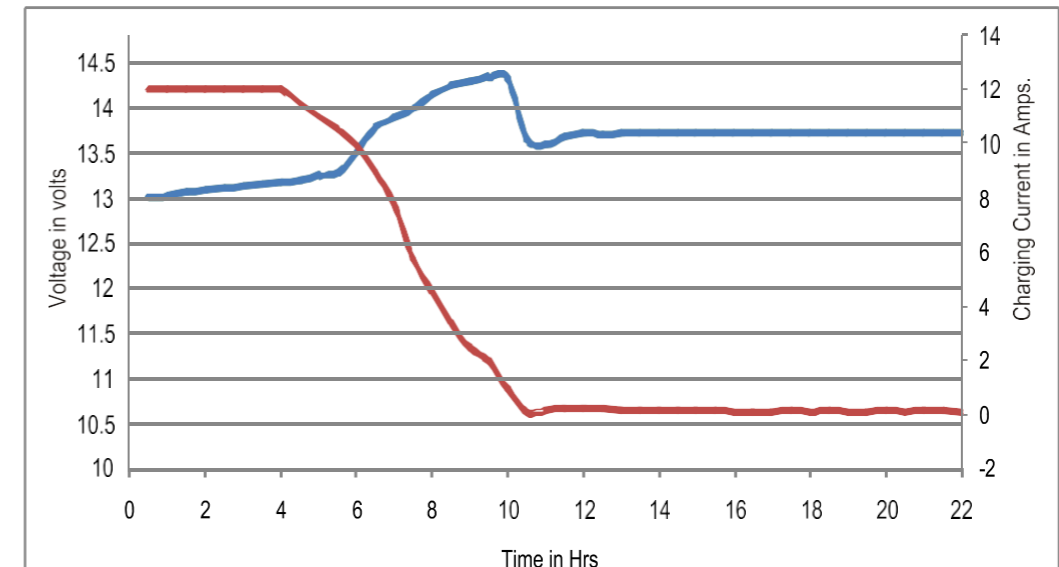
Capacity (27°C)	20 hour rate to 10.5 ECV		220 Ah
	10 hour rate to 10.8 ECV		200 Ah
	7 hour rate to 10.8 ECV		183 Ah
	5 hour rate to 10.8 ECV		167Ah
	3 hour rate to 10.8 ECV		143 Ah
	1 hour rate to 10.5 ECV		100 Ah
Ah/ Wh Efficiency	Amp. hour Efficiency		94%
	Watt. hour Efficiency		83%
Capacity Loss on Storage			4% Per Month
Charge method (Constat voltage)	Current		≤30A
	Cyclic Use	Control Voltage	14.4 V
	Float Use	Control Voltage	13.8 V
Internal Resistance Value(milli ohms)			3.8milli Ω
OCV at 100% State of Charge			12.70 V
SOC Voltage per cell			2.12 V
During Charging Peak Voltage			16.10 V

DISCHARGING CHARACTERISTICS

at various rates @27°C



CHARGING CHARACTERISTICS



CYCLE LIFE@ 27°C

