



TUBULAR BATTERY



Excellent Ampere Hour
& Watt Hour Efficiency



Ultra Low
maintenance



Superior
Cyclic Life



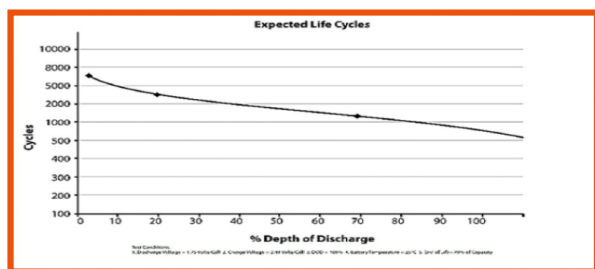
Designed to Operate in Partial
State of Charge Condition

Technical Specifications

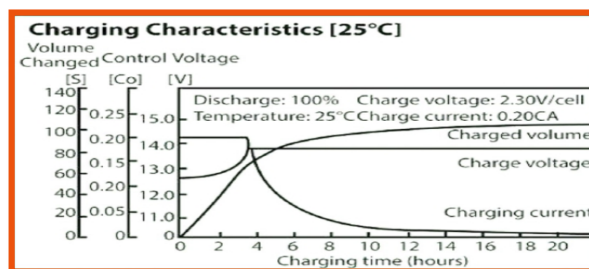
Technical Specifications: Tall Tubular Batteries					
Model	LUX.INVT 100	LUX.INVT 150	LUX.INVT 200	LUX.INVT 220	LUX.INVT 250
Battery Capacity	100Ah	150Ah	200Ah	220Ah	250Ah
No. of Cells	6				
Container	PPCP				
Separator	PVC German				
Nominal Voltage	12V				
Design Life	5 years				
Nominal Capacity (20°C)					
20Hr rate (10A,10.5V)	100Ah	150Ah	200Ah	220Ah	250Ah
10Hr rate (16A,10.5V)	88Ah	132Ah	176Ah	193.6Ah	220Ah
3Hr rate (38.24A,10.8V)	64.5Ah	96.8Ah	129Ah	141.9Ah	154.8Ah
Self Discharge	<3% per Month				
Operating Temperature Range					
Discharge Cycle	0-55°C				
Charge Cycle	0-55°C				
Storage Cycle	0-55°C				
Max Discharge Current 77°F(25°C)	600A(3sec)				
Short Circuit Current	100A	150A	200Ah	220A	250A
Charge Method Recommended	CCCV (25°C)				
Cycle Use	14.4V-17.4V				
Maximum Charging Current	10A-20A				
Temperature Compensation	77mmV/300moh				
Standby Use	13.8-14.2V				
Dimensions	503x190x408				
Weight (in Kg) (+/- 3%)	51	56	64	66	72

IS 3369, IEC 60896-11, Stationary Lead Acid Battery, ISO 9001-2015, CE Complied

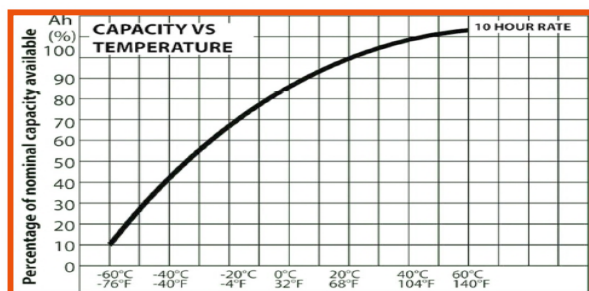
Electrical Performance



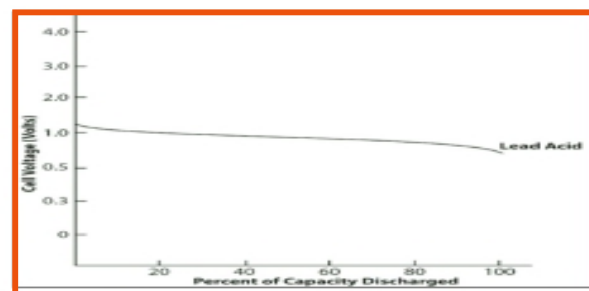
Expected Life Cycle



Charging Characteristics



Capacity vs Temperature



Discharging Characteristics



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