



Intelenergi Global Pvt. Ltd. is the most vibrant energy company in the world and has been at the forefront since 20 years catering to industrial and private sectors in a wide range of solar solutions. We have been also engaged in the areas of Energy storage, Renewable energy, storage products and electrical solution. Intelenergi is a successful global supplier to the industrial market; our products are now sold over to more than 30 countries worldwide. The Company has offices in Gurugram, India and Sudan, Africa for handling our diverse customers and markets.

GLOBAL QUALITY CERTIFICATION



**ISO 9001- 2015, ISO 14001:2015, IEC 60896 - 21:2004,
IEC 60896-22:2004, EN 61427**

TALL TUBULAR BATTERY

Technical Specifications

Model	1000	1500	2000	2200	2400	2500
Capacity	100Ah	150Ah	200Ah	220Ah	240Ah	250Ah
Container	PPCP	PPCP	PPCP	PPCP	PPCP	PPCP
Separator	PVC German	PVC German	PVC German	PVC German	PVC German	PVC German
Nominal Voltage	12V	12V	12V	12V	12V	12V
No. Of Cells	6	6	6	6	6	6
Design Life	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years
Nominal Capacity(27°C)						
20 Hr Rate (10A,10.5)	100Ah	150Ah	200Ah	220Ah	240Ah	250Ah
10hr Rate (16A,10.5v)	88Ah	132Ah	176.0Ah	193.6Ah	211.2Ah	220Ah
3hr Rate (38.24A, 10.8V)	64.5	96.8	129	141.9	154.8	161.25
Self Discharge	<3%Pm	<3%Pm	<3%Pm	<3%Pm	<3%Pm	<3%Pm
Operating Temperature Range						
Discharge	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C
Charge	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C
Storage	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C	0~55°C
Max. Discharge Current 77°F(25°C)	600A(3s)	600A(3s)	600A(3s)	600A(3s)	600A(3s)	600A(3s)
Short Circuit Current	100A	150A	200A	220A	240A	250A
Charge Methods:	CCCV 77°F(25°C)					
Cycle Use	14.4-14.7V					
Maximum Charging Current	10A	15A	20A	22A	24A	25A
Temperature Compensation	75mV/300moh					
Standby Use	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V
Dimension	503x190x408	503x190x408	503x190x408	503x190x408	503x190x408	503x190x408
Weight+3% Kgs	52	56	64	66	68	71

IS 13369, IEC 60896-11 Stationary Lead Acid Battery, ISO 9001:2015, CE Complied.

Certification and compliance. *Design life is as per standard parameter of Temp., humidity and uses condition.

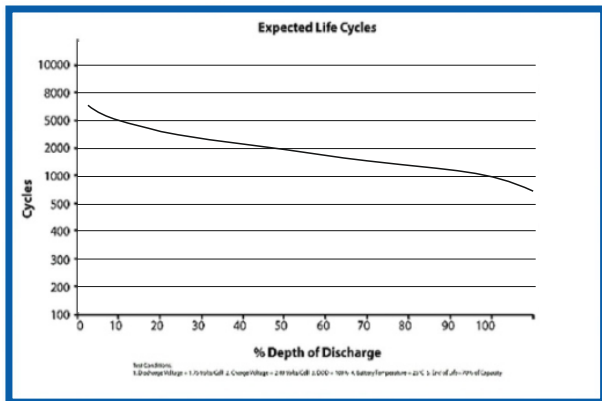
Discharge Constant Current (Amperes at 27°)

100Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	64.5	88	100
150Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	96.8	132	150
200Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	129	176	200

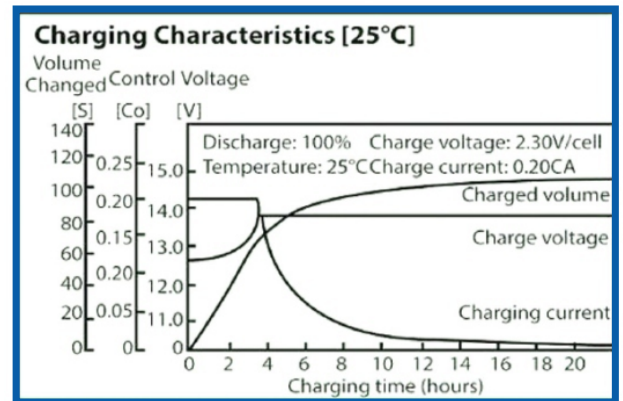
220Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	141.9	193.6	220
240Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	154.8	211.2	240
250Ah			
Hours	3h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10 h capacity	161.25	220	250

TUBULAR BATTERY PERFORMANCE DATA

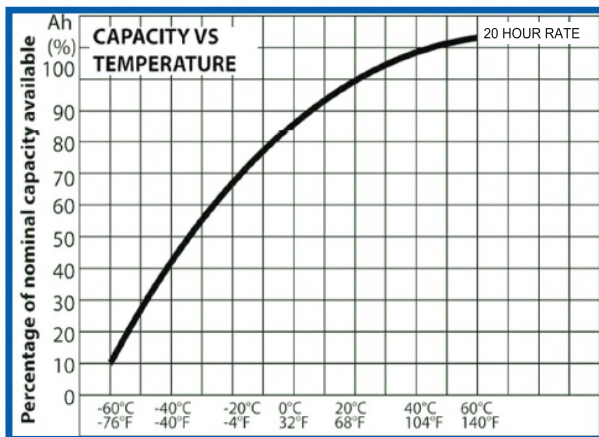
Electrical Performance



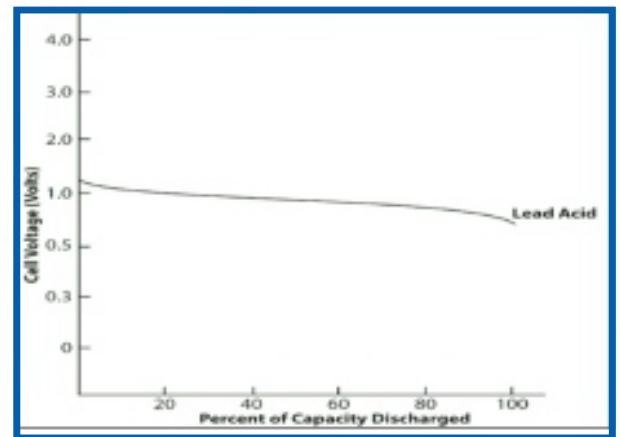
Expected Life Cycle



Charging Characteristics



Capacity vs Temperature



Discharging Characteristics

Features:



Perfect for Solar Applications



Long Cycles



High Durability with Sealed Plastic Housing



Factory Charged Ready to Use



Easy Maintenance with Level Indicators