

An ISO 9001 : 2015 Company

KIPOR[®]



TALL TUBULAR BATTERY



Excellent Ampere Hour
& Watt Hour Efficiency



Ultra Low
maintenance



Superior
Cyclic Life



Designed to Operate in Partial
State of Charge Condition

Introduction of Company

Let's improve the quality of life!

From a modest start in early 2000 we invested a lot of time, effort and money solving the customer's problem in the areas of electricity. Today we can't imagine life without electricity. We always strive to offer a solution to our customers which can bring brightness and smiles in their life. After successfully developing market, customer awareness and establishing a few brands in more than 30 countries and having focus on green energy, we have been engaged in the areas of energy storage, renewable energy, storage products and electrical solution.

The backbone of the company are-

- Having 3 state of the art manufacturing facility in North of India.
- Total installed capacities of all the batteries are more than 1 Million a year.
- Leading supplier of Private Label brands from India.
- Products approved for Saber Saleem (SASO), SONCAP by SGS and Intertek, CBCA by BIVAC.
- Products complied for JIS 8702-1:2009, IEC 60086, IEC 60896-22:2004.

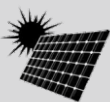


TALL TUBULAR BATTERY

The Tubular Plate technology enable batteries to deliver a larger amount of consistent, reliable power. They are engineered to deliver increased power and efficiency while maximizing the battery life The Tubular plate batteries performed better on heavy duty application even the maintenance required with this batteries is quite less. The batteries withstand long and frequent power cuts.

Salient Features

- Long shelf life- heavy duty tubular plates to give you excellent cyclic life with deep cycle capabilities
- Excellent performance under extreme temperature conditions
- Aesthetically designed, low foot print- occupies less space
- Thick spines for excellent discharge performance on heavy loads
- Specially designed vent plugs for minimum acid fumes
Most compact Tall Tubular design with global acceptability
- Extra thick gaunlets suitable for harsh weather condition
- Leak proof heat sealed tall PP container
- Special alloys for low maintenance of batteries
- DARAMIC separator with high porosity, low electrical resistance and excellent oxidation resistant
- Extra thick spines cast at high pressure to ensure minimum corrosion for reliability, extra-long life and strength
- Micro porous aqua trap vent plug to ensure minimum acid fumes which ensures low maintenance of batteries
- Ceramic flame arrest or prevents electrical spark to go in and therefore ensures highest degree of safety for all domestic and office usage.



Solar
Storage



Wind
Storage



UPS
backup



Network
communication
equipments



Electronic
weighing
machines



Emergency
lighting



Tele-
communications
power supply



Medical
equipments

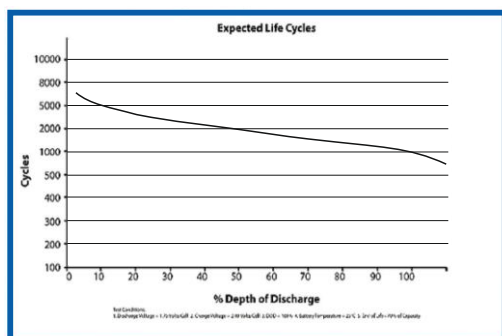
Features

Applications

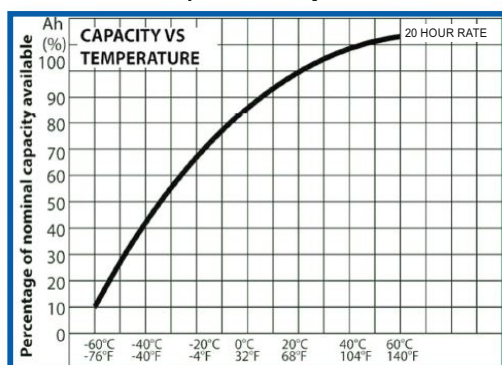
Model	KP 1000	KP 1500	KP 2000	KP 2200	KP 2400	KP 2500
Parameters	100Ah	150Ah	200Ah	220Ah	240Ah	250Ah
Container	PPCP	PPCP	PPCP	PPCP	PPCP	PPCP
Separator	PVC German	PVC German	PVC German	PVC German	PVC German	PVC German
Nominal Voltage	12V	12V	12V	12V	12V	12V
No. of Cells	6	6	6	6	6	6
Design Life	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years
Nominal Capacity(20°C)						
20 Hr Rate (10A,10.5)	100Ah	150Ah	200Ah	220Ah	240Ah	250Ah
10hr Rate (16A,10.5v)	88Ah	132	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	240A
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	69	72

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

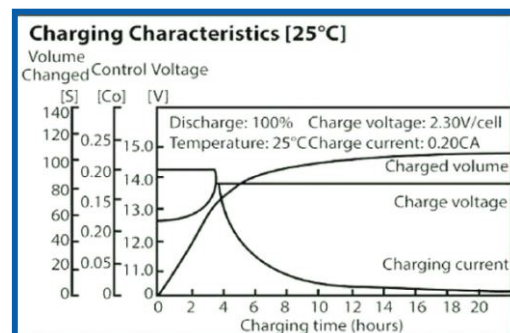
Electrical Performance



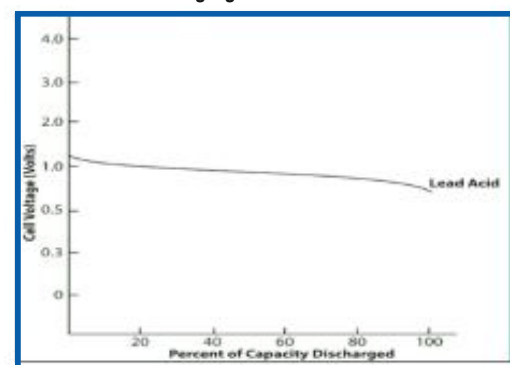
Expected Life Cycle



Capacity vs Temperature



Charging Characteristics



Discharging Characteristics



OUR COMPLETE RANGE OF ENERGY SOLUTIONS

