

An ISO 9001 : 2015 Company

DURASOL[®]
Energi

LET'S IMPROVE THE QUALITY OF LIFE



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

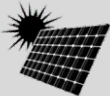
The Tubular Plate technology enable batteries to deliver a larger amount of consistent, reliable power. They are engineered to deliver increased power and efficiency while maximizing the battery life The Tubular plate batteries performed better on heavy duty application even the maintenance required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

Features

Applications



Solar Storage



Wind Storage



UPS backup



Network communication equipments



Electronic weighing machines



Emergency lighting



Tele-communications power supply

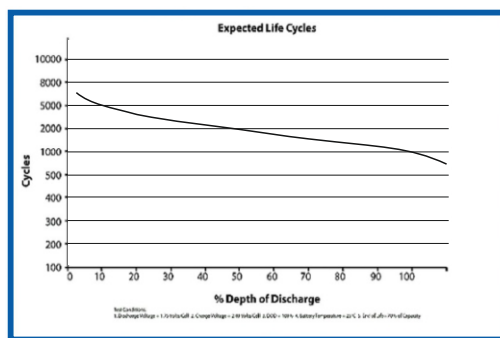


Medical equipments

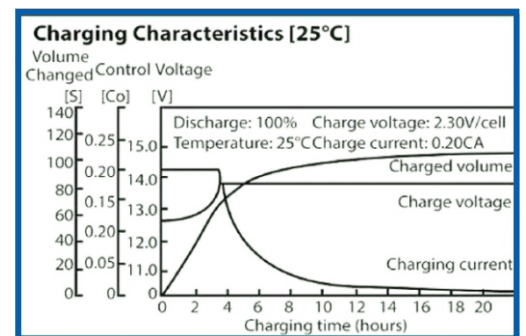
Model	DU 10000	DU 15000	DU 17000	DU 20000	DU 22000	DU 26000	DU 30000	DU 35000
Capacity	100Ah	150Ah	170Ah	200Ah	220Ah	260Ah	300Ah	350Ah
Container	PPCP							
Separator	PVC German							
Nominal Voltage	12V	12V	12V	12V	12V	12V	12V	12V
No. Of Cells	6	6	6	6	6	6	6	6
Design Life	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years
Nominal Capacity(27°C)								
20 Hr Rate	100Ah	150Ah	170Ah	200Ah	220Ah	260Ah	300Ah	350Ah
10hr Rate	88Ah	132	150Ah	176Ah	194Ah	229Ah	264Ah	308Ah
5hr Rate	73Ah	110Ah	125Ah	147Ah	161Ah	191Ah	220Ah	257Ah
3hr Rate	63	95	107	126	139Ah	164Ah	189Ah	221Ah
Self Discharge	<3%Pm	<3%Pm	<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	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	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	0~55°C	0~55°C
Max. Discharge Current	300A(3s)	650A(3s)	510A(3s)	600A(3s)	660A(3s)	780A(3s)	900A(3s)	1050A(3s)
Short Circuit Current	100A	150A	170A	200A	220A	260A	300A	350A
Charge Methods:	CCCV 77°F(25°C)							
Cycle Use	14.4-14.7V							
Maximum Charging Current	10A	15A	17A	20A	22A	26A	30A	35A
Temperature Compensation	70mV/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	13.8-14.2V	13.8-14.2V
Dimension	530x215x485	530x215x485	530x215x485	530x215x485	530x215x485	530x215x485	530x215x485	530x215x485
Gross Weight + / -3% Kgs	50	56	58	64	66	71	73	83

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

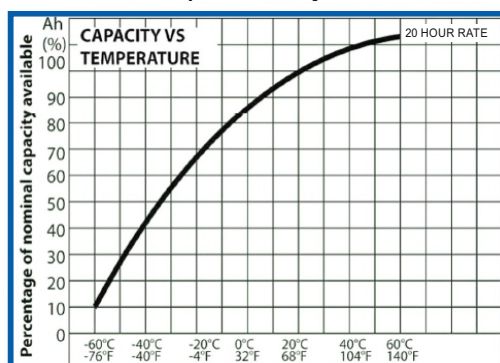
Electrical Performance



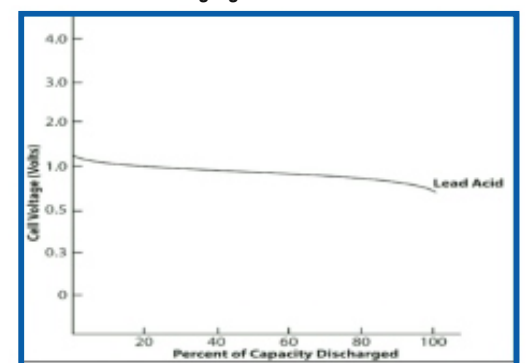
Expected Life Cycle



Charging Characteristics



Capacity vs Temperature



Discharging Characteristics

OUR COMPLETE RANGE OF ENERGY SOLUTIONS



Copyright © IGPL-DOM-SEP-2025-R001



Intelenergi Global Private Limited

Head Office: B-16, 2nd Floor, Infocity 1, Sector – 34, Gurugram-122001 (INDIA)
Overseas Office : A 1420 – WS01, JAFZA One, Jebel Ali Free Zone, Dubai, United Arab Emirates
☎ +91 88260 22335, Toll Free No - 1800 88 95095
info@intelenergi.com | www.intelenergi.com