

Solarizing Energy For a Greener Tomorrow



RALOS
ENERGY

SOLAR
TUBULAR BATTERIES

Electron[®]
Better... Battery...!!



Company Profile

Established in 2008, AUTO BATT PRODUCT is a name in the battery Industry which needs no introduction. With manufacturing experience of over 15 years, The Company has achieved new heights of success & set very high standard, which are very hard to achieve for competitors. Our aim is to meet the requirements of industrial, domestic and Automobile segments and with mission to provide quality products at reasonable prices and better after sales service with the help of best technicians & highly skilled man power, the Company constantly tries to improve standards and hence provides better quality products with the world best standards. The company offers a comprehensive range of products which includes Automotive, Industrial & Solar Tubular batteries with unmatched performance and very low maintenance. The company has a transparent policies which helps in developing distribution network across the India and across the world, thus company has got the place among those few leading names in the industry & it will continue to do so.



SOLAR TUBULAR BATTERIES

"ELECTRON" Solar Tubular batteries for Solar photovoltaic application are designed specially for longer life and higher backup.

FEATURES :

- PPCP Container
- Special selenium alloy grid for longer life.
- 99.97% pure active material with finest quality of Red Lead.
- Deep cycle design for longer backup.
- Special Thick PE-Separator (DARAMIC-Highcharge) used for better efficiency & life.
- High tensile & acid resistant polyester Gauntlets.

ADVANTAGES :

- Manufacturing with positive tubular plates which stands for reliable & consistent performance.
- Suited for use in areas of frequent power cuts.
- Occupies less floor space, totally new look.
- Ensures consistent quality.
- Less pollution, environment friendly.
- Very long life.
- Acid volume per ampere hour is 30% more than that of ordinary tubular bateries. It acts as a coolant and also ensures very low maintenance.
- Design cycle life @C20 discharge at 25° C :
 - *1500 cycles to 80% DOD. *3000 cycles to 50% DOD.
- Low self discharge ratio.
- Low Water loss design.

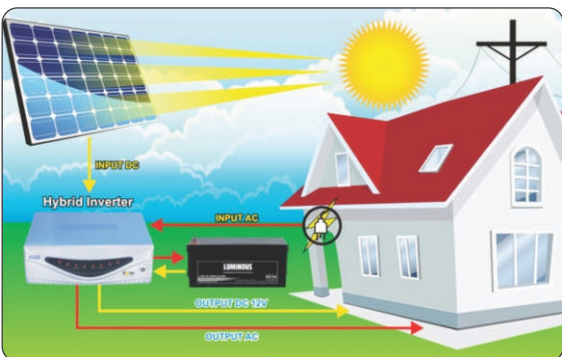
APPLICATION :



SOLAR LIGHTING SYSTEM



SOLAR POWER PLANT SYSTEM



SOLAR HOME INVERTER



SOLAR UPS SYSTEM

TECHNICAL SPECIFICATION

MODEL	Capacity at 27°C when discharged at C20 upto 1.75 vpc (1.250s p. gr.)	Dimensions (mm) +/-3			Weight (Kg) +/-5%		Volume of Electrolyte (1.220 SpGr.) Liters	Initial charge Minimum AH input (AH)	Initial charge at constant current (A)		Constant potential limiting current (amps)	Trickle charge (current in mA)	
		Length	Width	Height	Dry	Filled			Start (up to 2.3 vpc)	Finish (up to 2.7 vpc)		Min	Max.
ETT 1300	130 AH	503	188	410	27.5	54	21.2	520	13	7	3	100	400
ETT 1500	150 AH	503	188	410	30.2	55.5	21.05	600	15	8	3.5	120	480
ETT 1600	160 AH	503	188	410	31.3	57.0	21	640	16	8	4	140	560
ETT 1800	180 AH	503	188	410	36.0	60.5	19.6	720	18	9	4	160	600
ETT 2000	200 AH	503	188	410	37.0	62.0	19.8	760	18	9	4	170	660
ETT 2250	225 AH	503	188	410	40.2	64.5	19.4	900	20	10	4.5	180	720
ETT 2500	250 AH	503	188	410	44.7	69.5	19.3	1000	20	10	5	200	800

*The height mentioned is up to terminal top.

INITIAL CHARGING INSTRUCTIONS :

- Filling in specific gravity 1.210 +/-0.005 at 27c
- Rest period before charging is 3 hrs.
- During battery charging process, battery temperature should exceed 50°C.
- In case the temperature exceeds 50°C adequate rest to be given till the electrolyte temp. Comes to ambient temp. And charging to be continued.
- Conditions of fully charged.

- A) Consecutive hourly readings of specific gravity and voltage become constant.
- B) Top of charge voltage will be around 16.2V-16.5V.
- C) All cells should pass freely
- D) Minimum Ah has been given

Specific gravity at fully charged condition. (1.250 +/-0.005 at 27C)

NORMAL RECHARGING INSTRUCTIONS :

- Recharging through inverter at constant potential mode of 14.4V with limited current as specified. After battery potential reaches 14.4V the battery should continue in trickle charge mode at constant potential of 13.5V.

STATUTORY NOTICE :

- All batteries contain lead, which is harmful for humans and environment. As per statutory requirements, the Used battery must be returned to be authorized dealer, manufacturer or at the designated collection centres.