

SOLAR TUBULAR BATTERIES



Lento uses premium technology and high grade materials in these lead acid tubular batteries to deliver maximum power for extended durations and have an appreciably longer life span. These batteries are specifically suitable for powering up UPS and inverters.

Lento flooded lead acid batteries are environment-friendly, highly reliable in performance and are low in cost. Here again our extensive research and development wing has helped us create batteries customized to suit Indian operating conditions. These flooded batteries are perfect for use in battery powered vehicles and to power inverters as well as for telecom use.



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TECHNICAL SPECIFICATION OF SOLAR TUBULAR BATTERIES

Model	Capacity at 27 deg C When discharged at (C20 upto 1.75 VPc 1.280)	Dimension (±3MM)			Weight (Kg±5%)		Volume of Electrolyte (1.220 Sp. Gr)	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	Liters		Start (Upto 2.3Vpc)	Finish (Upto 2.75 Vpc)		Min.	Max.
LSTB 8000	75 AH	504	218	254	18.3	32.5	14.5	7.5	3.7	265	12.5	65	260
LSTB 12000	100 AH	504	218	254	19.3	34	14	10	5	350	16.7	85	350
LSTB 14000	120 AH	500	187	416	28	54	20	12	6	420	20	105	420
LSTB 16500	150 AH	500	187	416	31	57	19.5	15	7.5	525	25	130	520
LSTB 20000	180 AH	500	187	416	35.5	60	19	18	9	630	30	155	625
LSTB 22000	200 AH	500	187	416	38.5	63	19	20	10	700	33.5	175	695
LSTB 24000	220 AH	500	187	416	41.5	66	18	22	11	770	36.6	190	765

* The height mentioned is upto terminal top

INITIAL CHARGING INSTRUCTION FOR DRY CHARGE BATTERY

- Filling in specific Gravity 1.220 ± 0.005 at 27 deg C
- Rest Period 12 hrs
- In order to reduce the charging time, the following route may be adopted
 - For LI 7500 The initial 2.36Vpc charging current may be 7.5A upto followed by 3.7A upto 2.75VPC
 - For LI 10000 The initial 2.36Vpc charging current may be 10A upto followed by 5A upto 2.75VPC
 - For LI 12000 The initial 2.36Vpc charging current may be 12A upto followed by 6A upto 2.75VPC
 - For LI 15000 The initial 2.36Vpc charging current may be 15A upto followed by 7.5A upto 2.75VPC
 - For LI 18000 The initial 2.36Vpc charging current may be 18A upto followed by 9A upto 2.75VPC
 - For LI 22000 The initial 2.36Vpc charging current may be 22A upto followed by 11A upto 2.75VPC

CONDITION OF FULLY CHARGED

- 3 consecutive hourly reading of specific gravity and voltage become constant
- Top of charge voltage will be around 16.2V - 16.5V
- All Cells should be gas freely
- Minimum Ah has been given
- Specific Gravity at fully Charged condition 1.240 +- 0.005 at 27 Deg C

PRODUCT FEATURES

- Long shelf life when left unattended for extended periods
- Pasted Negative Plates
- Tubular Positive Plates
- Acid Resistant Polyester Gauntlets
- High Porosity Envelope Separators
- Micro porous Ceramic Vent Plug

PRODUCT BENEFITS

- Long design life
- Very low maintenance
- Can handle extreme weather conditions
- Rugged Performance
- Longer life without charging
- More efficient and saves money