



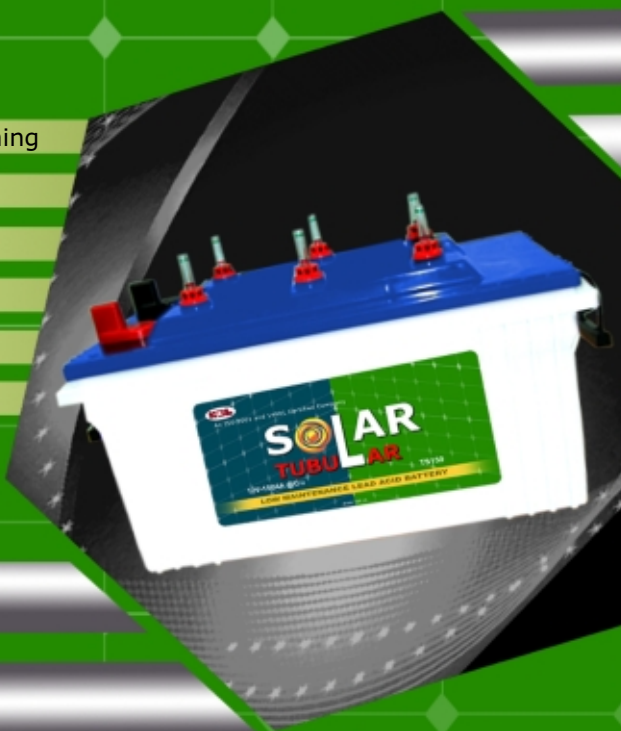
An ISO 9001 and 14001 Certified Company

SOLAR TUBULAR

Low Maintenance Lead Acid Battery

Applications

- Rural Electrification & Street Lighting
- Telecommunication
- Offshore Platform
- Railway Signalling
- Hybrid Power Systems
- Navigational Aids





Superior Features

- Solar Tubular Batteries are made of robust & aesthetically superior PPCP (Polypropylene Co Polymer) container.
- Positive spine grids produced on High Pressure Die Casting (HADI) machines give defect-free grid with fine grain structure. Results in excellent corrosion resistance and long life.
- Solar LMLA Batteries have high acid reservoir resulting in reduced need for water top-up even in extreme environmental conditions.
- Low antimony alloy minimizes water loss thereby reduces the topping up frequencies.
- Heavy duty tubular plates for excellent cycle life (1500 cycles at 80% DOD and 5000 cycles at 20% DOD).
- Low rate of self discharge less than 3% per month at 27°C.
- Capacity to withstand partial stage of charge operation (PSOC).
- Deep cycling capabilities.
- Ideal for frequent charge / discharge cycles.
- Higher ampere-hour and watt-hour efficiencies.
- Long Service Life.
- The quality and Environmental certifications from BVQI for ISO 9001 & ISO 14001 ensures the consistency in the product quality.

S.no.	Model	Capacity @ 10hr to 1.80 ECV Ah	Overall cell dimensions $\pm 10\text{mm}$			Weight of cell $\pm 5\%$ KG		Approx Qty of acid (Ltr)	Initial Charging Current (Amps)	
			Length	Width	Height	Dry	Wet		Liters	Starting rate
1	6S 120T	120	445	178	400	18.9	36.7	14.1	12.0	7.5
2	6S150T	150	445	178	400	22.2	39.3	14.0	15.0	9.0
3	6S180T	180	445	178	400	25.6	41.6	13.3	18.0	9.0
1	12S20T	20	283	172	235	8.5	14.8	5.2	2.0	1.0
2	12S40T	40	413	170	240	13.5	23.5	8.2	4.0	2.0
3	12S60T	60	512	213	240	18.2	35.2	13.9	6.0	3.0
4	12S75T	75	512	213	240	21.0	37.8	13.4	7.5	3.75
5	12S80T	80	512	213	240	22.4	38.4	13.1	8.0	4.0
6	12S100T	100	522	281	315	28.8	52.2	19.2	10.0	5.0
7	12S120T	120	522	281	315	33.0	55.5	18.4	12.0	6.0
8	12S150T	150	522	281	315	37.3	58.8	17.6	15.0	7.5

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The information given in this catalogue may change as part of the continuous improvement of the product. We reserve the right to change the above technical details without prior notice.

*Conditions apply