

### PRODUCT DATASHEET



#### Features:

- ÷ Tubular plate design specifically tailored for Solar use
- ÷ Tower type PPCP container-cover design, assuring significantly higher electrolyte level above plates
- ÷ In-line level indicator for easier access
- ÷ Special envelope separator minimizes possibility of internal short circuit
- ÷ Confirms to IS13369-1992

#### Advantages:

- ÷ High life, low maintenance
- ÷ Longer life
- ÷ Ability to withstand extreme weather conditions
- ÷ Rugged performance.

#### Contact us:-

**Luminous Power Technologies Pvt. Ltd.**

Plot No. 150, Sector-44, Gurgaon-122003 (India),

E-mail- [ibd@luminousindia.com](mailto:ibd@luminousindia.com) | Website: [www.luminousindia.com](http://www.luminousindia.com)

## Technical Specification:

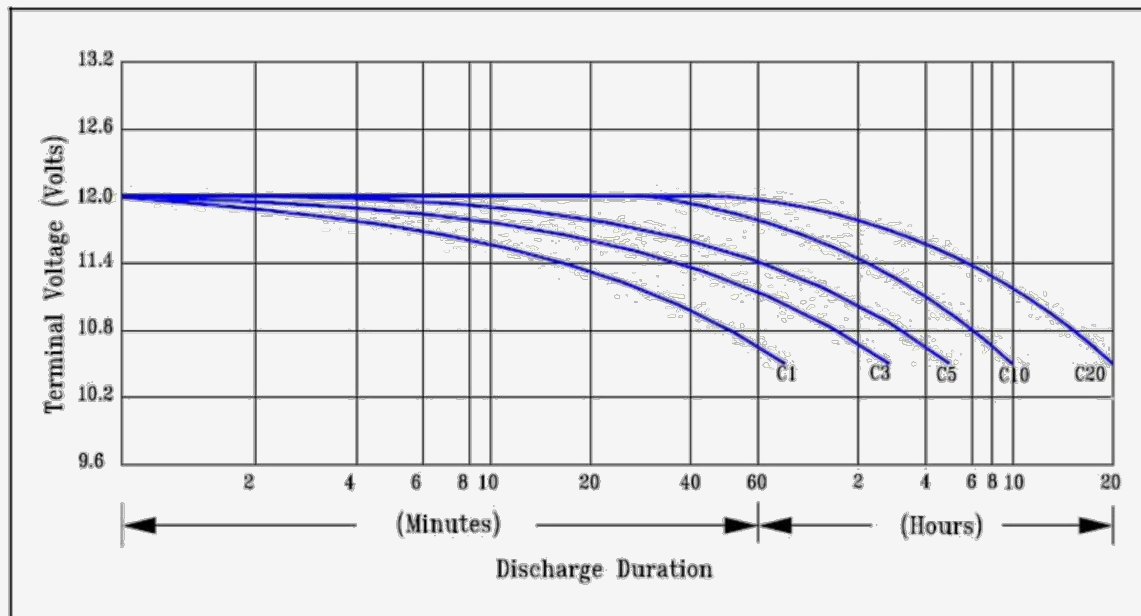
Model Ref.	SAP Code	Nominal Voltage (Volt)	C10 Capacity at 27°C till 10.5V (Test gravity 1.240±0.005) (Ah)	Overall Dimensions			Filled Wt. ±5% Kg
				Length ± 3 mm	Width ± 3 mm	Height up to Terminal top ± 3 mm	
LPTTEX 12150H	F1110C335150	12	150	502	191	412	59.6
LPTTEX 12200L	F1110C336200		200				67.9

## Constant power discharge performance\*\*:

Model Ref.	Maximum Duration at				
	500W	400W	300W	200W	100W
LPTTEX 12150H	3hr:00min	4hr:00 mins	5hr:45 mins	9hr:30 mins	22hr:00 mins
LPTTEX 12200L	3hr:55min	5hr:00 mins	7hr:15 mins	12hr:00 mins	28hr:00 mins

\*\* All test data based on stabilized battery capacity on a NEW battery, under controlled laboratory test conditions

## Typical discharge curve of 12V Monobloc for Inverter & Solar application at constant current discharge ## :



## All test data based on stabilized battery capacity under controlled laboratory test conditions

## Contact us:-

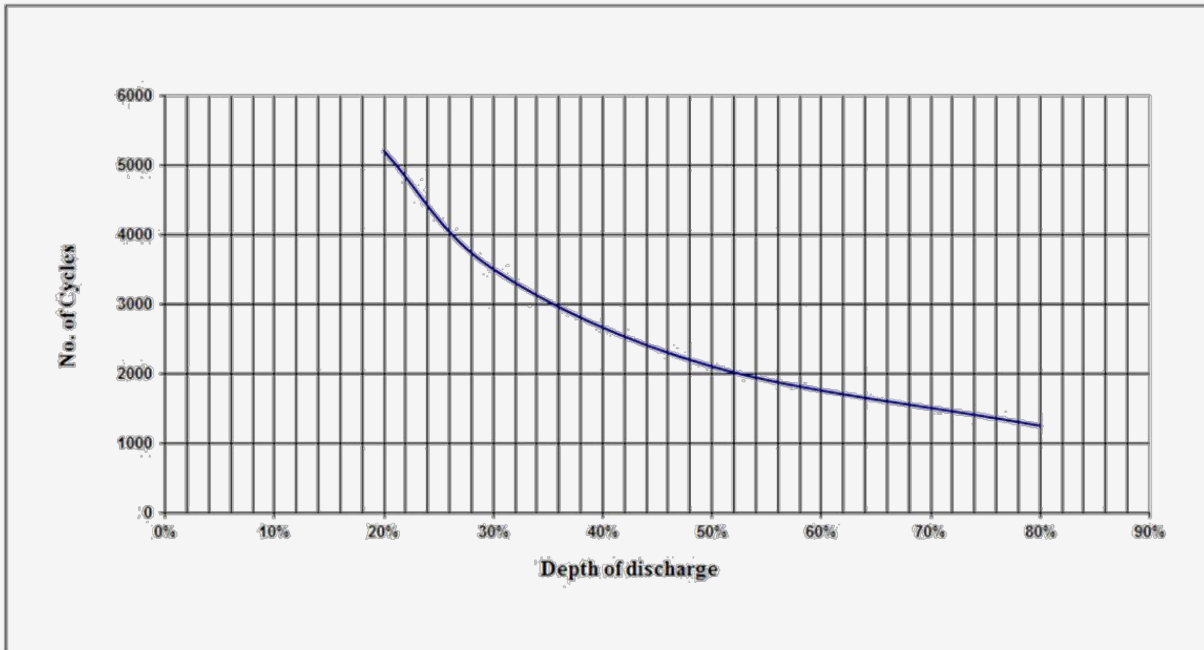
Luminous Power Technologies Pvt. Ltd.

Plot No. 150, Sector-44, Gurgaon-122003 (India),

E-mail- [ibd@luminousindia.com](mailto:ibd@luminousindia.com) | Website: [www.luminousindia.com](http://www.luminousindia.com)

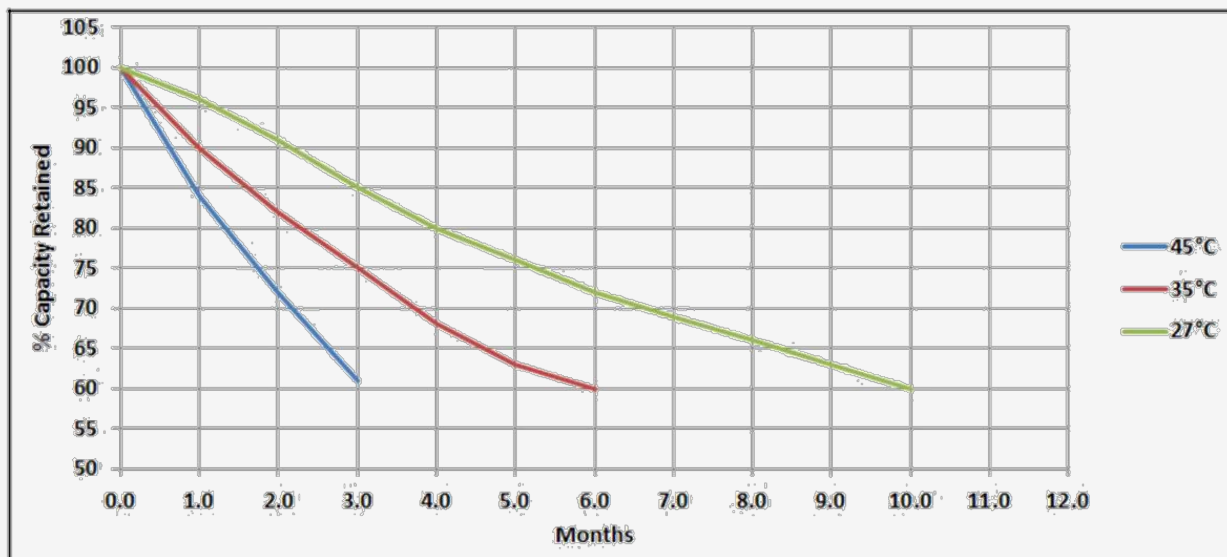
# LUMINOUS

## Cycle life of 12V Tubular Monoblock for Inverter & Solar application<sup>\$\$</sup>:



<sup>\$\$</sup> Curve drawn based on test data at standard test condition

## Typical self-discharge rate of 12V Tubular Monoblock for Inverter & Solar application<sup>@@</sup>:



<sup>@@</sup> Curve drawn based on test data at standard test condition

Contact us:-

Luminous Power Technologies Pvt. Ltd.

Plot No. 150, Sector-44, Gurgaon-122003 (India),

E-mail- [ibd@luminousindia.com](mailto:ibd@luminousindia.com) | Website: [www.luminousindia.com](http://www.luminousindia.com)

## List of Accessories:

Sl.	Description	Photo	Quantity
1	Float Indicator		6 nos.
2	M8 Fastener set (Set comprises 1 no. Bolt, 1 no. Nut, 2 nos. plain washer & 1 no. spring washer)		2 sets
3	Positive Terminal Cap		1 nos.
4	Negative Terminal Cap		1 nos.

All accessories provided "Free of Cost" along with the batteries

## Lead acid battery Dos & DON'Ts:

DOs	DON'Ts
<p>Always store the batteries in cool, dry area. Freshening charge to be given if the battery is stored beyond 3 months</p> <p>Read installation carefully instructions before installation</p> <p>Battery to be installed away from heat source, sparks and open flames. Terminals to be tightened ensuring recommended torque</p> <p>After installation, replace vent plugs with float indicator. Use petroleum jelly over terminal &amp; fasteners.</p> <p>Based on float indicator indication, battery to be topped up using DM water only. NEVER acid to be added to battery. Clean the batteries top surfaces &amp; when dust accumulates. All extra water from the battery surface, to be wiped off after battery topping up.</p> <p>Provide sufficient ventilation around battery</p> <p>Battery should not be left in a discharged condition. Immediately after discharge battery to be recharged</p>	<p>Don't transport battery in tilted condition</p> <p>Don't keep the battery directly exposed to rain, dust or sunlight</p> <p>Don't try to dismantle the battery</p> <p>Don't tamper the terminals &amp; safety valves, if any. Don't over tighten the connectors</p> <p>Don't short circuit the battery terminals</p> <p>Don't mix the batteries of different Ah, different age &amp; different manufacturer.</p>

Note: In case of any issues or questions regarding your luminous battery, please contact your nearest Luminous Representative.

## Contact us:-

**Luminous Power Technologies Pvt. Ltd.**

Plot No. 150, Sector-44, Gurgaon-122003 (India),

E-mail- [ibd@luminousindia.com](mailto:ibd@luminousindia.com) | Website: [www.luminousindia.com](http://www.luminousindia.com)