

## Tubular Gel VRLA Battery


Model: GPTTEX 240

# LUMINOUS

Deep-cycle gel batteries feature a number of important design characteristics that provide significant advantages over competing gel products. The gelled electrolyte is a proprietary formulation that delivers consistent performance and extends the battery's cycle life.



<b>MODEL:</b>	GP TTEX 240
<b>BATTERY:</b>	Tall Tubular Gel VRLA Battery
<b>VOLTAGE:</b>	12V
<b>DIMENSIONS:</b>	Millimeter
<b>COLOR:</b>	Blue (case) Blue (cover)
<b>MATERIAL:</b>	Polypropylene

FEATURES	ADVANTAGES
<b>Gel Technology</b>	<b>GELPRO</b> is filled with Gel. It requires no water top up and is completely spill proof & Maintenance free.
<b>Gelled Electrolyte</b>	No electrolyte stratification, no plate shedding, No failure due to PSOC, Consistent backup through-out the life , Long life
<b>High Grade imported Separator</b>	Less electrical resistance, High oxidation resistance, high porosity. High charging efficiency.
<b>Imported PRV (Pressure release valve)</b>	 <p>Explosion proof, Self-releasing, Regulate the internal gassing pressure.</p>
<b>Environment friendly and safe</b>	Environment friendly and safer as it emits no fumes and absolutely maintenance free.

TECHNICAL SPECIFICATION					
Model Nomenclature	Voltage	Capacity @ C20	Battery Overall Dimensions (± 3 mm)		Battery weight (±3%)
<b>GPTTEX 240</b>	12V	240Ah	Length	Width	Overall Height
			504	186	407

CHARGE CHARACTERISTICS (27°C)	
Cycle Use (BOOST/BULK)	Standby Use (FLOAT)
14.40 - 14.80V (-40mV/°C), Maximum Current 30A	13.60 - 13.80V (-20mV/°C)

\*Battery to be recharged in CV mode only

OPERATIONAL DATA	
OPERATING TEMPERATURE	SELF DISCHARGE
-4°F to 113°F (-20°C to +45°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	Less than 3% per month at 20°C temperature conditions.

CHARGING TEMPERATURE COMPENSATION	
ADD	SUBTRACT
0.005 Volt per cell for every 1°C below 25°C 0.0028 Volt per cell for every 1°F below 77°F	0.005 Volt per cell for every 1°C above 25°C 0.0028 Volt per cell for every 1°F above 77°F

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## ELECTRICAL SPECIFICATION

### CAPACITY AMP-HOURS (Ah)

20Hr (12A, 10.50V)	10Hr (21.5A, 10.50V)
240	215

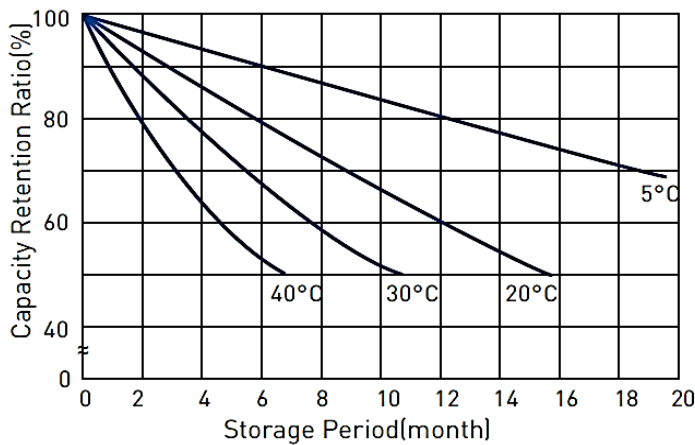
## CONSTANT POWER DISCHARGE PERFORMANCE\*\*

### MAXIMUM BACKUP DURATION (HH:MM) (Upto 10.5V)

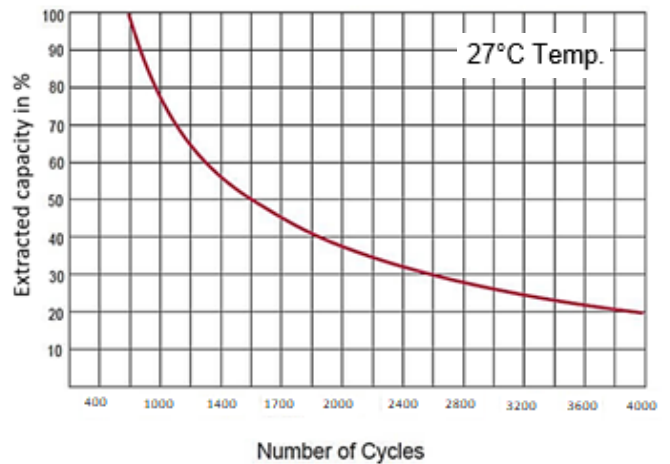
700W	600W	500W	400W	300W	200W	100W
03:15	3:45	04:45	07:00	08:30	14:00	24:30

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

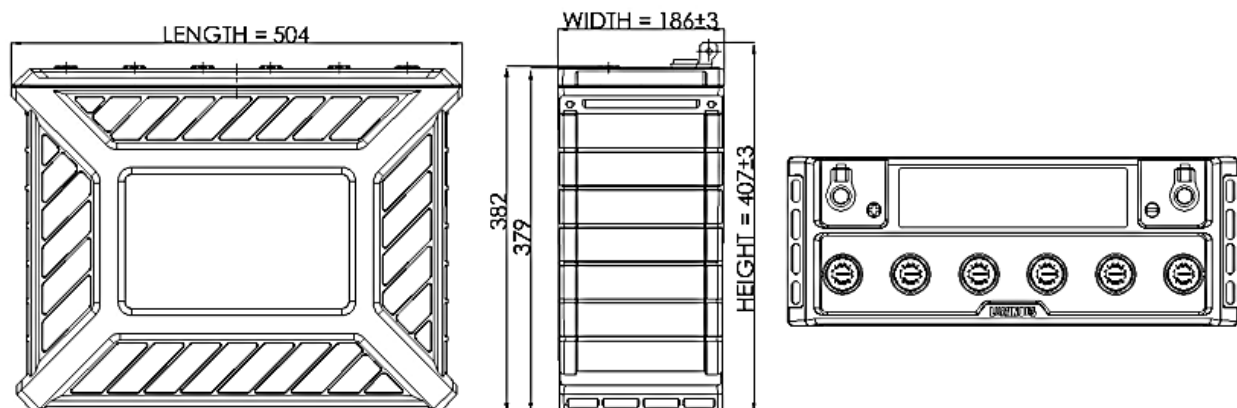
## SELF DISCHARGE CHARACTERISTICS



## TYPICAL CYCLE LIFE IN A STATIONARY APPLICATION



## BATTERY DIMENSIONS:



Dimensions are based on nominal size.

Disclaimer: Specifications may change due to continual improvement and change in product design.

## Contact us:-

**Luminous Power Technologies Pvt. Ltd.**

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

Email : sales@luminous-global.com | Website: www.luminous-global.com