

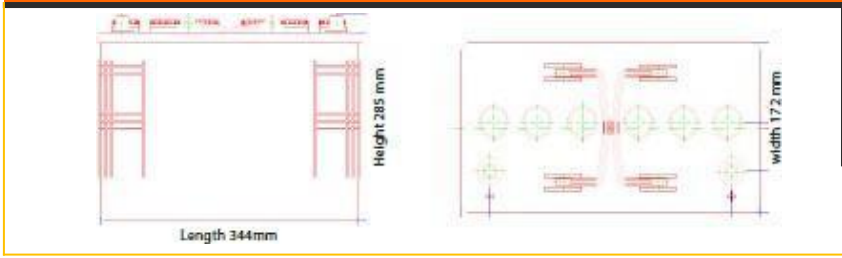
### Specification

<b>Cells Per Unit</b>	6
<b>Voltage Per Unit</b>	12
<b>Capacity</b>	140Ah@20hr-rate to 1.75V per cell @25°C
<b>Weight</b>	Approx. 33.0 Kg (Tolerance±5.0%)
<b>Technology</b>	Flooded/ wet lead-acid battery
<b>Terminal</b>	AP
<b>Normal Operating Temperature Range</b>	25°C±5°C
<b>Container Material</b>	Polypropylene.
<b>Watering System</b>	Single-Point Watering Kit
<b>Reference Capacity</b>	C5 110.0AH
	C10 128.0AH
	C20 140.0AH
	C100 152.0AH



LTL series is specially designed for frequent discharge deep cycle application. By using the specially designed active material, strong grids and thick plate construction, the LTL series battery offers reliable performance in high load situations and could provide competitive cycle performance. It is suitable for Electric Vehicle and Golf cart, Floor Machines, Forklifts, Aerial lifts, Robotics, Marine, RV, Mobility and Medical Equipment, and most outdoor application.

### Dimensions



Length	344±2mm (13.54 inches)
Width	172±2mm (6.77inches)
Height	262±2mm (10.31 inches)
Total Height	285±2mm (11.22 inches)

### CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)				
System Voltage	12V	24V	36V	48V
Absorption Charge	15.9	31.8	47.7	63.6
Float Charge	13.2	26.4	39.6	52.8
Equalize Charge	15.5	31.0	46.5	62.0

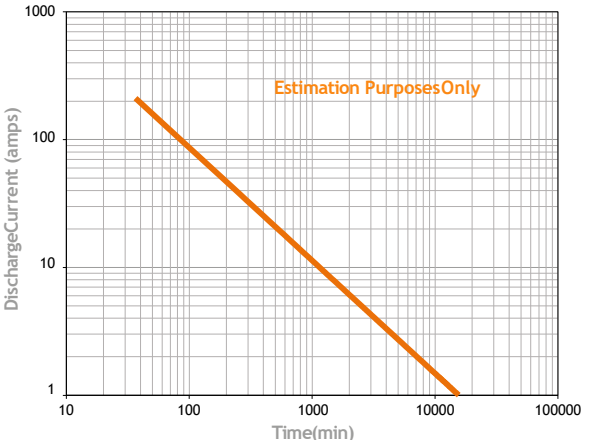
Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery.

**CHARGING TEMPERATURE COMPENSATION**  
028 VPC for every 10°F (5.55°C) above or below 77°F (25°C) (add .028 VPC for every 10°F (5.55°C) below 77°F and subtract .028 VPC for every 10°C above 77°F).  
Constant Current Discharge Characteristics : A(25°C)

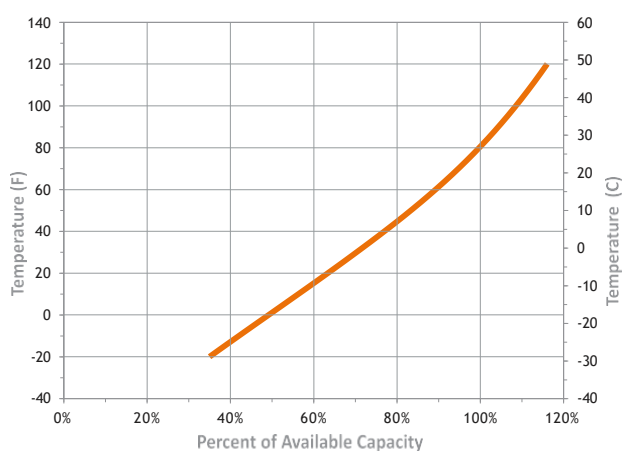
### OPERATIONAL DATA

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%.	5 – 15% per month depending on storage temperature conditions.

### IBS-LUMINOR LTL12-140- PERFORMANCE



### PERCENT CAPACITY VS. TEMPERATURE



(Note) All above information shall be changed without prior notice, IBS ITALIA reserves the right to explain and update the latest information.