


**UP-GC16-6RE**



Mechanical Characteristics		
	SI Units	US Units
<b>Length</b>	318 mm	12.52 inches
<b>Width</b>	181 mm	7.12 inches
<b>Height</b>	425 mm	16.73 inches
<b>Weight</b>	52.00kg	114.6 lb
<b>BCI Group Size</b>		GC2
<b>Cell Layout</b>		0
<b>Base Hold-Down</b>		B0
<b>Terminal Type</b>		DT
 Terminal height: 18.5 mm – 0.73 in Bolt size: 5/16		

Electrical Characteristics	
<b>Nominal voltage</b>	6 Volts
<b>C100 Rated Capacity (120h)</b>	600 Ah
<b>C5 Rated Capacity (100h)</b>	550Ah
<b>Reserve Capacity @ 25A</b>	880 min
<b>Reserve Capacity @ 75A</b>	225 min

Operational temperature range: -20°C to + 55°C (always keep the battery charged at least 60% at temperatures below 0°C)

Charging Instructions at 25°C	
<b>Daily charge</b>	7.40V ± 0.05V
<b>Float charge</b>	6.60V
<b>Equalize charge</b>	7.70V ± 0.05V

\* Do not install or charge batteries in non-ventilated premises.  
 \* The charging is of special importance because both over and under charging will severely limit the life of the batteries. If the batteries will stay for an extended period without being used please ensure they are routinely checked, cleaned and fully charged before being stored.

**Battery temperature adjustment:**

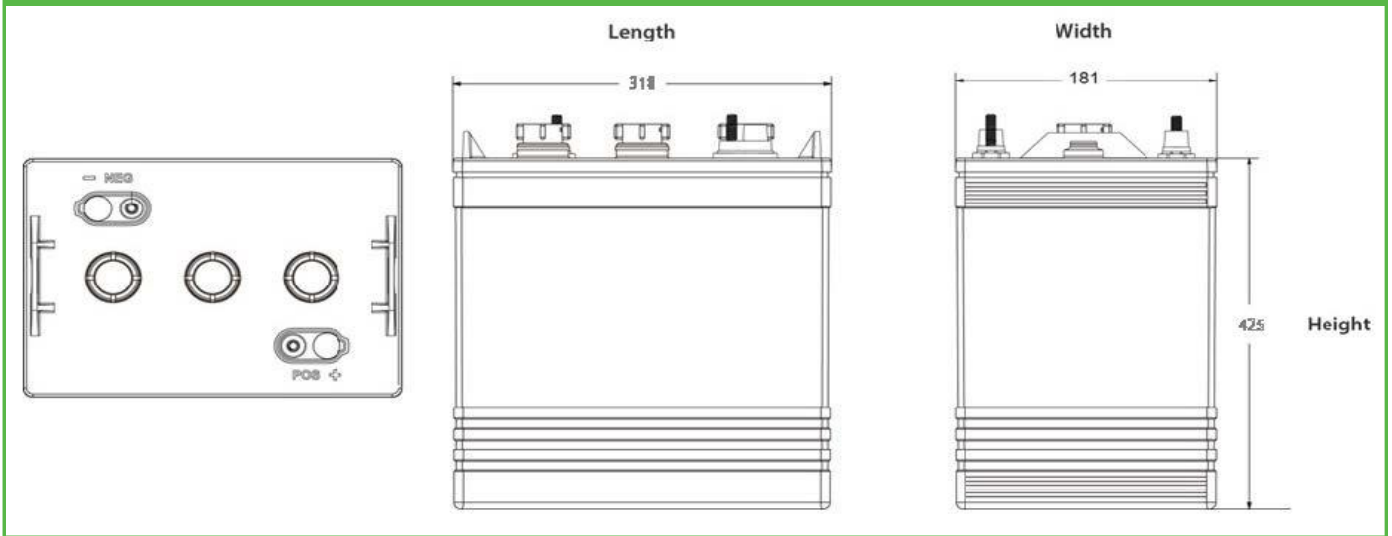
Reduce the voltage by 0.028V per cell for every 10°C above 25°C, increase the voltage by 0.028V per cell for every 10°C below 25°C.

Deep cycle batteries need to be equalized periodically. Actively used batteries should be equalized at least twice per year.

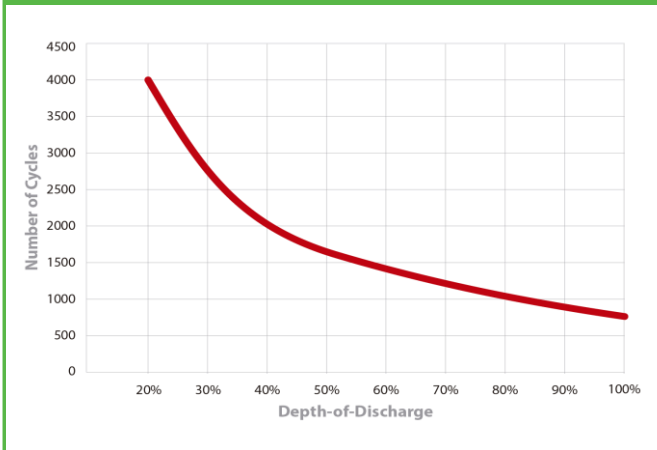


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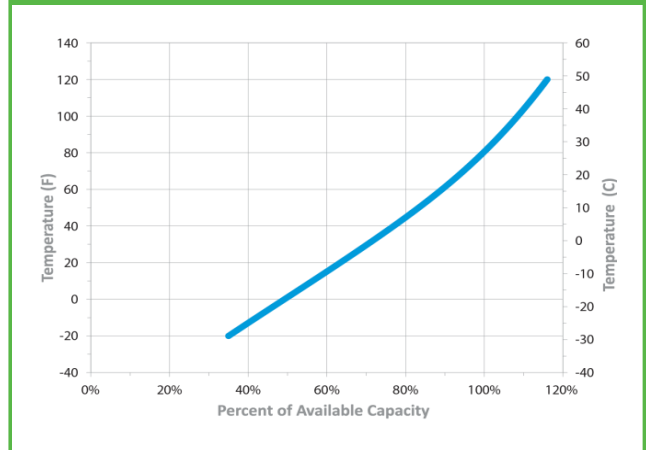
**Dimensions**



**Typical Cycle Life in a Stationary Application**



**Percent Capacity Vs. Temperature**



**Performance**

