

**MODEL:** T105-RE with Bayonet Cap  
**DIMENSIONS:** inches (mm)  
**BATTERY:** Flooded/wet lead-acid battery  
**COLOR:** Maroon (case/cover)  
**MATERIAL:** Polypropylene



## PRODUCT SPECIFICATION WITH T2 TECHNOLOGY™

BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Amp-Hours (AH)			ENERGY (kWh)	TERMINAL Type	DIMENSIONS <sup>B</sup> Inches (mm)			WEIGHT lbs. (kg)
		5-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate		Length	Width	Height <sup>C</sup>	
<b>6 VOLT DEEP CYCLE BATTERY</b>										
GC2H	<b>T105-RE</b>	185	225	250	1.50	5	10-3/8 (264)	7-1/8 (181)	11-3/4 (299)	67 (30)

- A. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) for the 20-Hour and 100-Hour rates and 86°F (30°C) for the 5-Hour rate and maintain a voltage above 1.75 V/cell. Capacities are based on nominal performance.  
 B. Dimensions are based on nominal size. Dimensions may vary depending on type of handle or terminal.  
 C. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal. Trojan's battery testing procedures adhere to both BCI and IEC test standards.

## CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)					
System Voltage	6V	12V	24V	36V	48V
Daily Charge	7.2 – 7.35	14.4 – 14.7	28.8 – 29.4	43.2 – 44.1	57.6 – 58.8
Float	6.60	13.2	26.4	39.6	52.8
Equalize	7.75	15.5	31.0	46.5	62.0

.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).


## 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).

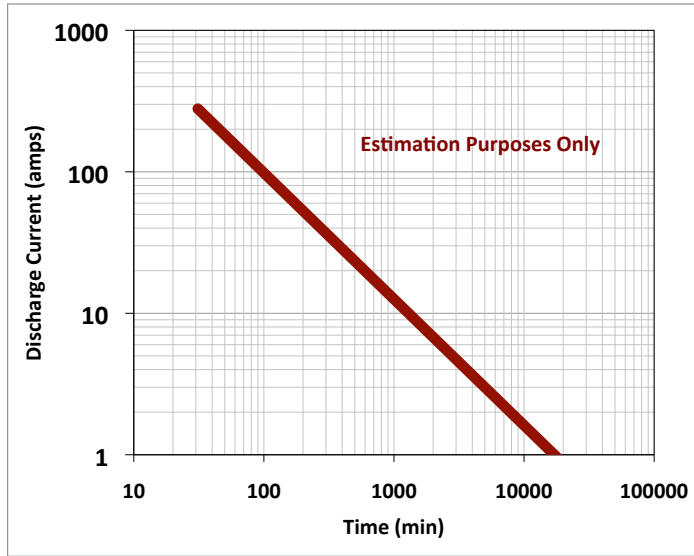
## OPERATIONAL DATA

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

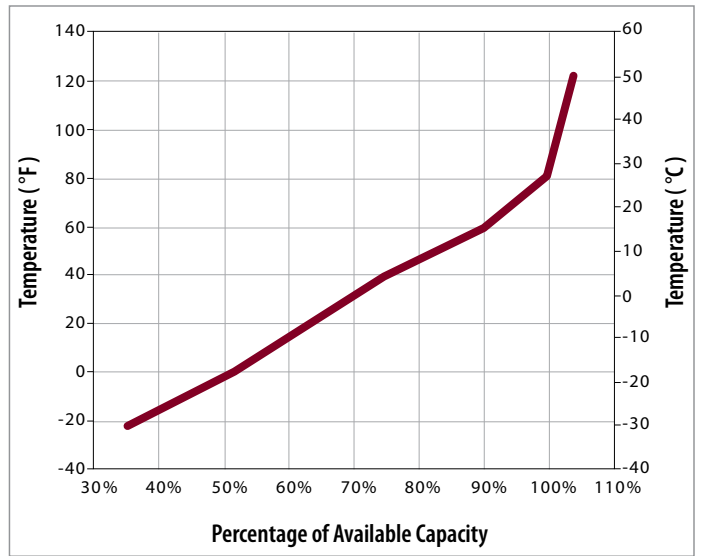
## TERMINAL CONFIGURATIONS

5	LT	L-Terminal
		Terminal Height Inches (mm) 1-3/4 (43) Torque Values in-lb (Nm) 100–120 (11 – 14) Through-hole Diameter (mm) 3/8 (10)

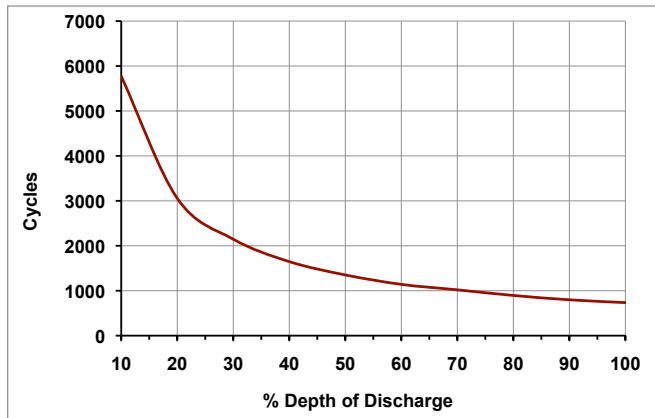
## TROJANT105-RE PERFORMANCE



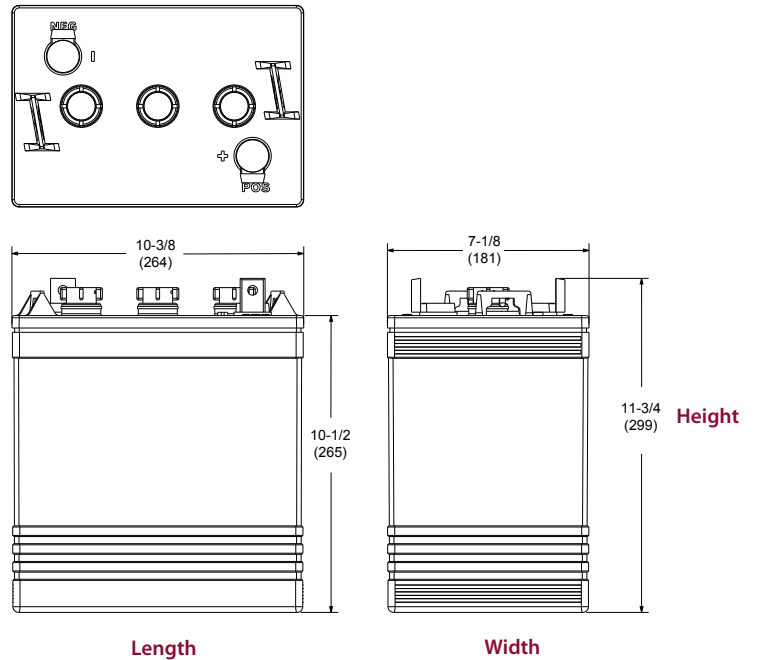
## PERCENT CAPACITY VS. TEMPERATURE



## TROJAN RE SERIES CYCLE LIFE



## BATTERY DIMENSIONS (shown with LT)



Trojan batteries are available worldwide through Trojan's Master Distributor Network. We offer outstanding technical support, provided by full-time application engineers.

**For a Trojan Master Distributor near you, call 800.423.6569 or + 1.562.236.3000 or visit [www.trojanbattery.com](http://www.trojanbattery.com)**

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