

MODEL **L16H-AC with Bayonet Cap**  
 VOLTAGE **6**  
 MATERIAL **Polypropylene**  
 DIMENSIONS **Inches (mm)**  
 BATTERY **Deep-Cycle Flooded/Wet Lead-Acid Battery**  
 COLOR **Maroon**  
 WATERING **Single-Point Watering Kit**

MADE IN THE



WITH T<sub>2</sub> TECHNOLOGY



\*Polyon™ Case



**6 VOLT**

**PHYSICAL SPECIFICATIONS**

BCI	MODEL NAME	VOLTAGE	CELL(S)	TERMINAL TYPE <sup>6</sup>	DIMENSIONS <sup>6</sup> INCHES (mm)			WEIGHT <sup>6</sup> LBS. (kg)
					LENGTH	WIDTH	HEIGHT <sup>F</sup>	
903	L16H-AC*	6	3	6	11.66 (296)	6.94 (176)	16.74 (425)	125 (57)

**ELECTRICAL SPECIFICATIONS**

CRANKING PERFORMANCE		CAPACITY <sup>A</sup> MINUTES		CAPACITY <sup>B</sup> AMP-HOURS (Ah)				ENERGY (kWh)	INTERNAL RESISTANCE (mΩ)	SHORT CIRCUIT CURRENT (amps)
C.C.A. <sup>D</sup> @ 0°F (-18°C)	C.A. <sup>E</sup> @ 32°F (0°C)	@ 25 Amps	@ 75 Amps	5-Hr	10-Hr	20-Hr	100-Hr	100-Hr		
—	—	935	245	357	400	435	483	2.89	—	—

**CHARGING INSTRUCTIONS**

SYSTEM VOLTAGE	CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)				
	6V	12V	24V	36V	48V
Bulk Charge	7.41	14.82	29.64	44.46	59.28
Float Charge	6.75	13.50	27.00	40.50	54.00
Equalize Charge	8.10	16.20	32.40	48.60	64.80

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**

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

**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.

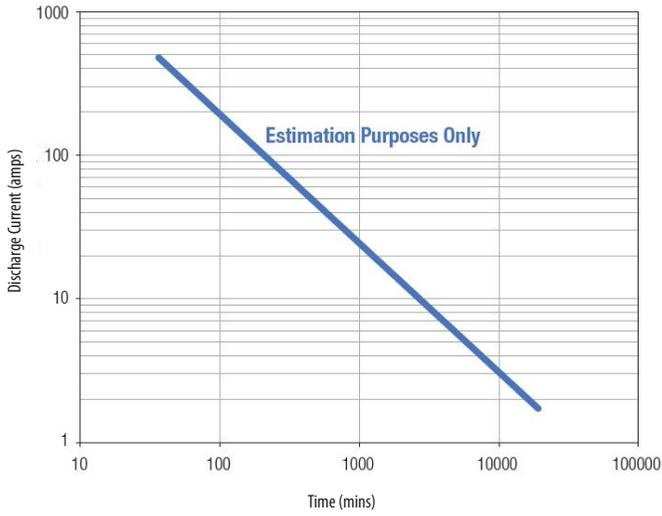
**RECYCLE RESPONSIBLY**



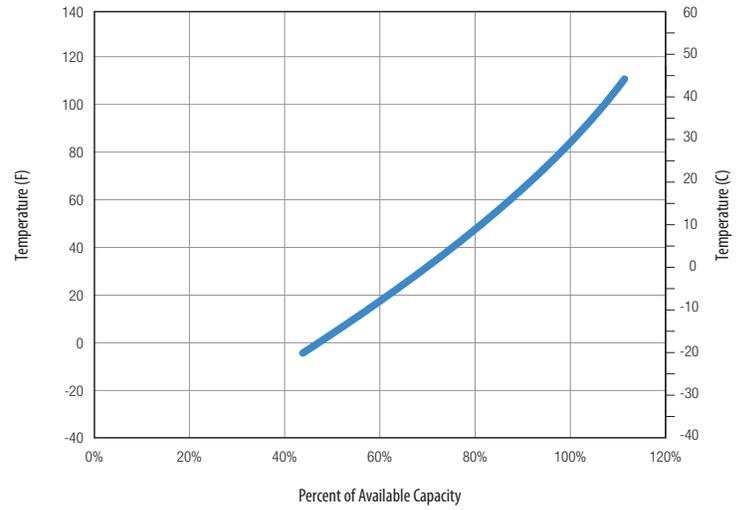
**STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE**

PERCENTAGE CHARGE	SPECIFIC GRAVITY	CELL	6 VOLT
100	1.277	2.122	6.37
90	1.258	2.103	6.31
80	1.238	2.083	6.25
70	1.217	2.062	6.19
60	1.195	2.040	6.12
50	1.172	2.017	6.05
40	1.148	1.993	5.98
30	1.124	1.969	5.91
20	1.098	1.943	5.83
10	1.073	1.918	5.75

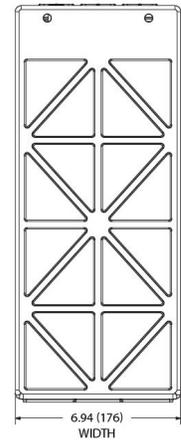
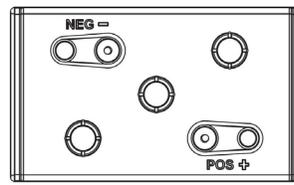
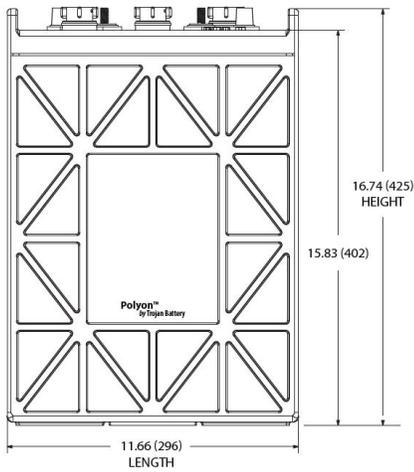
## TROJAN L16H-AC PERFORMANCE



## PERCENT CAPACITY VS. TEMPERATURE



## BATTERY DIMENSIONS (shown with DT)



## TERMINAL CONFIGURATIONS<sup>6</sup>

6	DT	AUTOMOTIVE POST & STUD TERMINAL
		<p><b>Terminal Height Inches (mm)</b> 0.79 (20)</p> <p><b>Torque Values in-lb (Nm)</b> Stud: 95 – 105 (11 – 12) / AP: 50 - 70 (6 - 8)</p> <p><b>Bolt</b> 5/16"</p>