

MODEL **L16G-AC with Bayonet Cap**
 VOLTAGE **6**
 MATERIAL **Polypropylene**
 DIMENSIONS **Inches (mm)**
 BATTERY **Deep-Cycle Flooded/Wet Lead-Acid Battery**
 COLOR **Maroon**
 WATERING **HydroLink™ Watering System**



6V

PRODUCT + PHYSICAL SPECIFICATIONS

BCI Group Size	Type	Voltage	Cell(s)	Terminal Type ⁶	Dimensions ⁵ Inches (mm)			Weight Lbs. (kg)
					Length	Width	Height ^F	
903	L16G-AC	6	3	7	12.14 (308)	6.85 (174)	16.41 (417)	101 (46)

ELECTRICAL SPECIFICATIONS

Cranking Performance		Capacity ^A Minutes		Capacity ^A Amp-Hours (AH)				Energy (kWh)	Internal Resistance (mΩ)	Short Circuit Current (amps)
C.C.A. ^D @ 0°F (-18°C)	C.A. ^E @ 32°F (0°C)	@ 25 Amps	@ 75 Amps	5-Hr	10-Hr	20-Hr	100-Hr	100-Hr		
—	—	789	200	320	359	390	433	2.60	—	—

CHARGING INSTRUCTIONS

Charger Voltage Settings (at 77°F/25°C)					
System Voltage	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.

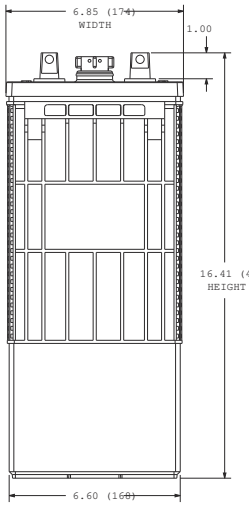
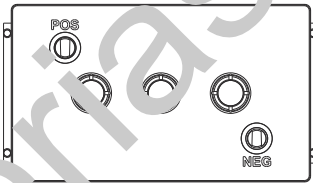
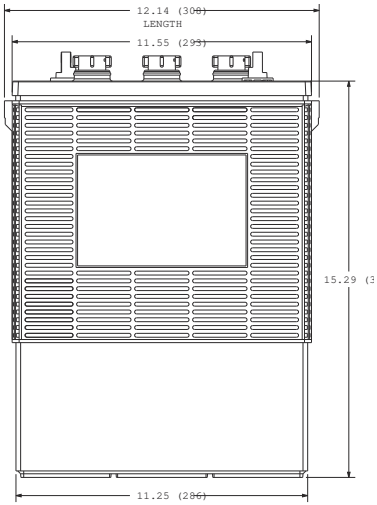
STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

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

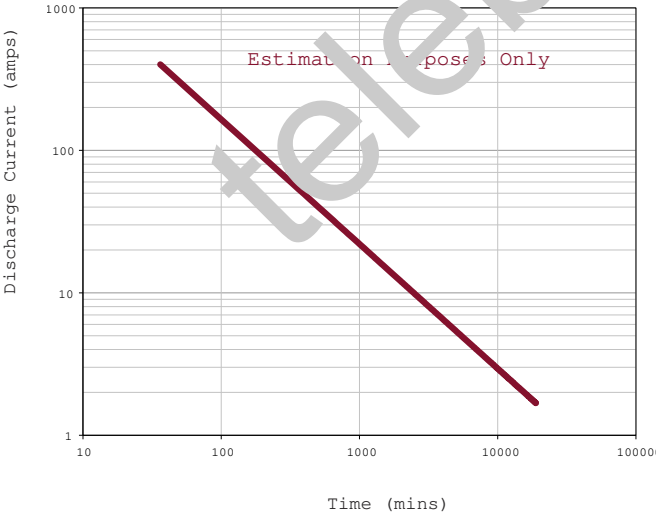
6
TERMINAL CONFIGURATIONS

7	UT	Universal Terminal
		
Terminal Height Inches (mm)		
1.10 (28)		
Torque Values in-lb (Nm)		
95 105 (11 12)		
Bolt		
5/16		

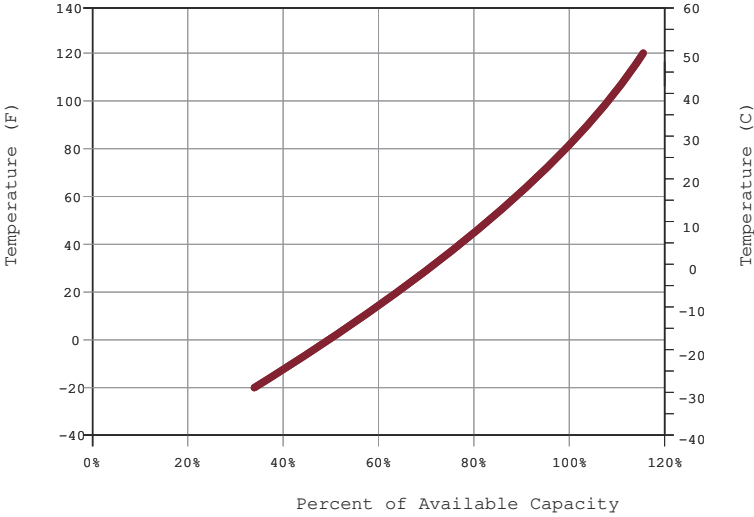
BATTERY DIMENSIONS shown with



TROJAN L16G AC PERFORMANCE



PERCENT CAPACITY VS. TEMPERATURE



- A. Thenumber of minutes a battery can deliver when discharged at a constant rate at 80 F (27 C) and 0.05 C (0.05 times the rated capacity) - the discharge load in amperes which a new, fully charged battery can maintain at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 32 F or MCA.
- B. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80 F (27 C) and 0.05 C (0.05 times the rated capacity) - the discharge load in amperes which a new, fully charged battery can maintain at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 32 F or MCA.
- C. Dimensions may vary depending on type of handle or terminal. Batteries should be mounted with terminals at the top of the battery. Heights may vary depending on the type of handle or terminal.
- D. Terminal images are representative only.



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L16G-AC DS 2016_1130

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