

MODEL: L16P-AC with Bayonet Cap
DIMENSIONS: inches (mm)
BATTERY: Flooded/wet lead-acid battery
COLOR: Maroon (case/cover)
MATERIAL: Polypropylene



PRODUCT SPECIFICATION

| BCI GROUP SIZE | TYPE | CAPACITY ^A Minutes | | CAPACITY ^B Amp-Hours (AH) | | | ENERGY (kWh) | TERMINAL Type | DIMENSIONS ^C Inches (mm) | | | WEIGHT lbs. (kg) |
|--|----------|-------------------------------|----------|--------------------------------------|------------|-------------|--------------|---------------|-------------------------------------|---------|--------------|------------------|
| | | @25 Amps | @75 Amps | 5-Hr Rate | 20-Hr Rate | 100-Hr Rate | | | 100-Hr Rate | Length | Width | |
| 6 VOLT DEEP CYCLE BATTERY - with T2 TECHNOLOGY™ | | | | | | | | | | | | |
| 903 | L16P-AC* | 850 | 220 | 344 | 420 | 467 | 2.80 | 6 | 11-5/8 (295) | 7 (178) | 16-3/4 (424) | 114 (52) |

- A. The number of minutes a battery can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on nominal performance.
 - B. 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.
 - C. Dimensions are based on nominal size. Dimensions may vary depending on type of handle or terminal.
 - D. 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 | 7.40 | 14.8 | 29.6 | 44.4 | 59.2 |
| Float | 6.60 | 13.2 | 26.4 | 39.6 | 52.8 |
| Equalize | 7.75 | 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).

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. |

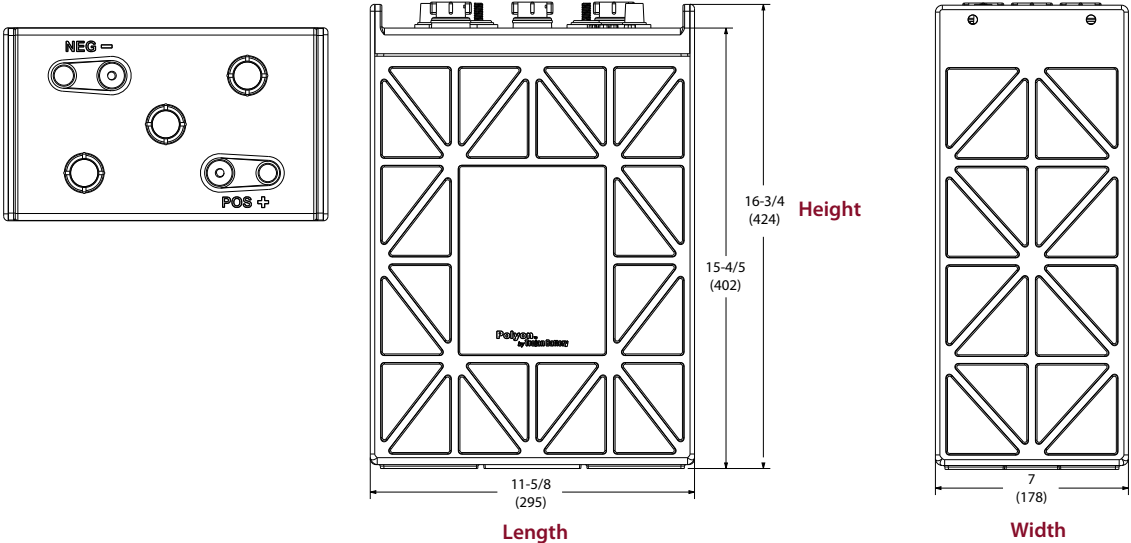
TERMINAL CONFIGURATIONS

| 6 | DT | Automotive Post & Stud Terminal |
|---|----|--|
| | | <i>Terminal Height Inches (mm)</i> 29/32 (19.8) |
| | | <i>Torque Values LB-iN (Nm)</i> 120–180 (14–20) |
| | | <i>Bolt Size</i> 5/16 – 18 |

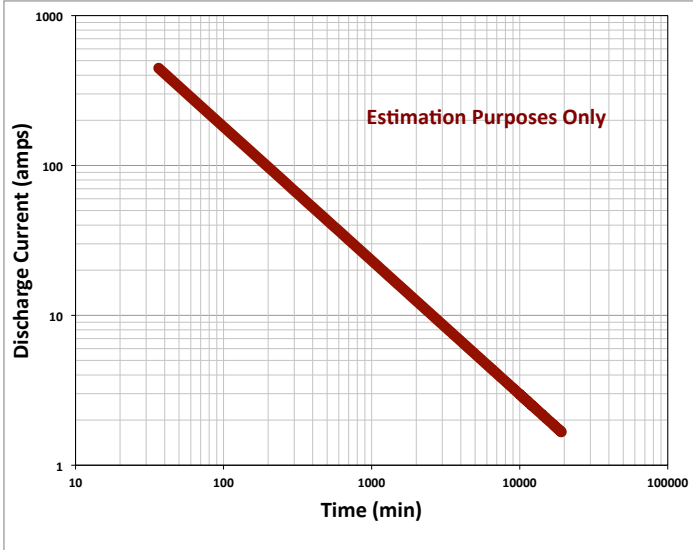
* Polyon™ Case



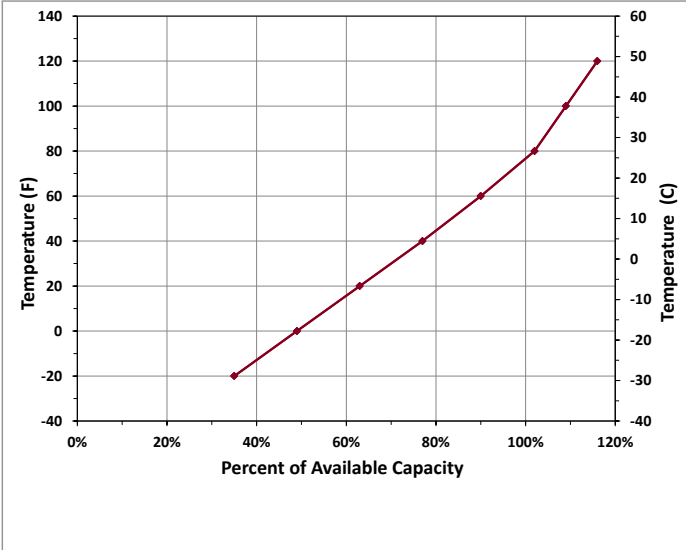
BATTERY DIMENSIONS (shown with DT)



TROJAN L16P-AC PERFORMANCE



PERCENT CAPACITY VS. TEMPERATURE



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

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