

|                         |                               |
|-------------------------|-------------------------------|
| <b>MODEL:</b>           | L16P-AC with Bayonet Cap      |
| <b>VOLTAGE:</b>         | 6                             |
| <b>DIMENSIONS:</b>      | Inches (mm)                   |
| <b>BATTERY:</b>         | Flooded/wet lead-acid battery |
| <b>COLOR:</b>           | Maroon (case/cover)           |
| <b>MATERIAL:</b>        | Polypropylene                 |
| <b>WATERING SYSTEM:</b> | Single-Point Watering Kit     |



## PRODUCT SPECIFICATIONS

| BCI GROUP SIZE                                  | TYPE     | CAPACITY <sup>A</sup> Minutes |          | CAPACITY <sup>B</sup> Amp-Hours (AH) |            |            |             | ENERGY (kWh) | TERMINAL Type <sup>E</sup> | DIMENSIONS <sup>C</sup> Inches (mm) |            |             | WEIGHT lbs. (kg) |
|-------------------------------------------------|----------|-------------------------------|----------|--------------------------------------|------------|------------|-------------|--------------|----------------------------|-------------------------------------|------------|-------------|------------------|
|                                                 |          | @25 Amps                      | @75 Amps | 5-Hr Rate                            | 10-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                                  | 386        | 420        | 467         | 2.80         | 6                          | 11.66 (296)                         | 6.94 (176) | 16.74 (425) | 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 peak performance.

**B.** The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) and 86°F (30°C) for the 5-Hour rate and maintain a voltage above 1.75 V/cell. Capacities are based on peak 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.

**E.** Terminal images are representative only.

Trojan's battery testing procedures adhere to both BCI and IEC test standards.

## CHARGING INSTRUCTIONS

| <b>CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)</b> |      |      |      |      |      |
|------------------------------------------------|------|------|------|------|------|
| 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. |

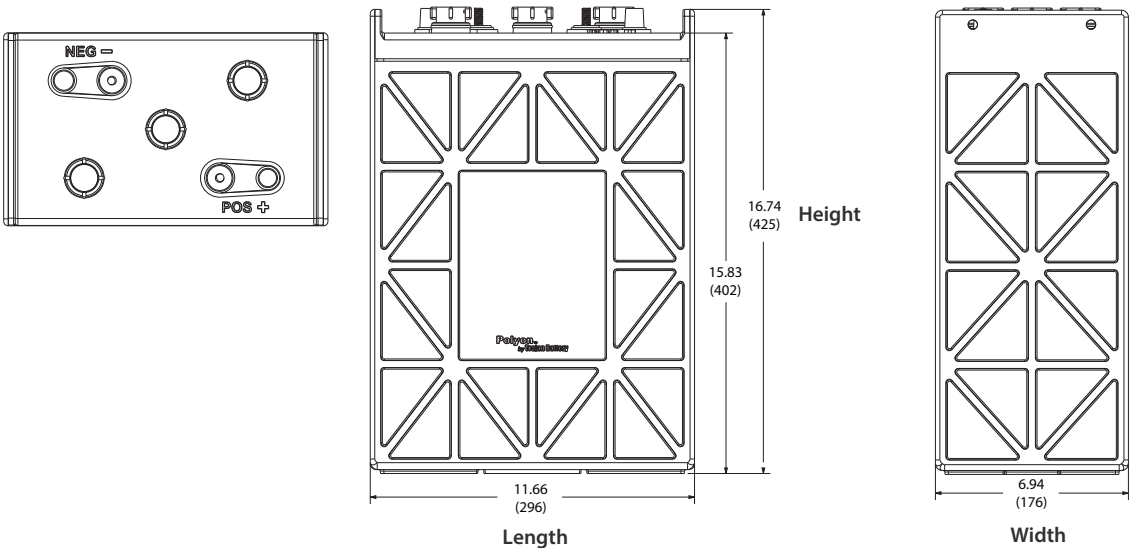
## TERMINAL CONFIGURATIONS

| 6                                                                                                               | DT | Automotive Post & Stud Terminal |
|-----------------------------------------------------------------------------------------------------------------|----|---------------------------------|
|                            |    |                                 |
| <i>Terminal Height Inches (mm)</i><br>.79 (20)                                                                  |    |                                 |
| <i>Torque Values in-lb (Nm)</i><br>Stud: 95 – 105 (11 – 12)<br>AP: 50 – 70 (6 – 8)<br><i>Bolt Size</i><br>5/16" |    |                                 |

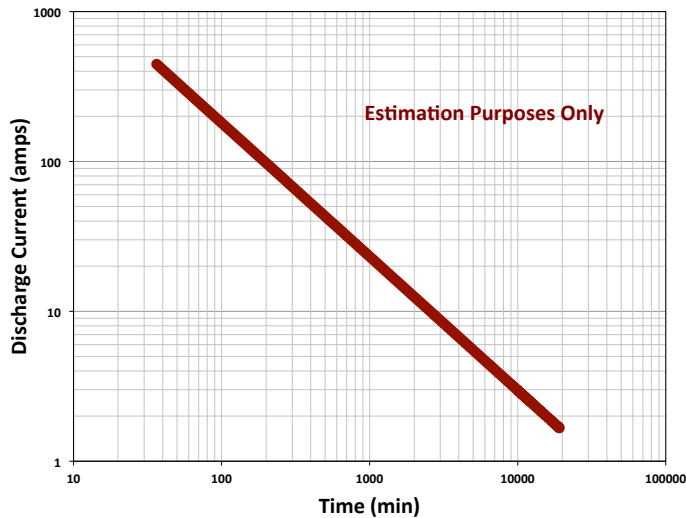
\* Polyon™ Case



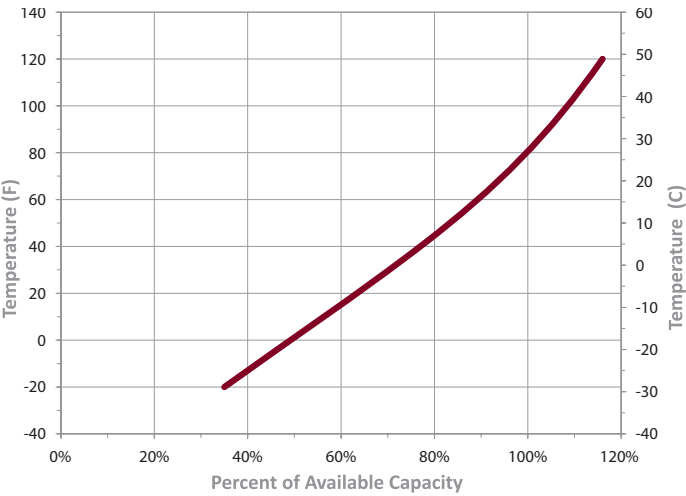
BATTERY DIMENSIONS (shown with DT)



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](http://www.trojanbattery.com)**

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