

MODEL T-145 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 <sup>g</sup>	Dimensions <sup>c</sup> Inches (mm)			Weight Lbs. (kg)
					Length	Width	Height <sup>f</sup>	
GC2H	T-145	6	3	1, 2, 3, 4	10.30 (262)	7.11 (181)	11.90 (302)	72 (33)

**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)
CCA <sup>d</sup> @ 0°F (-18°C)	CA <sup>e</sup> @ 32°F (0°C)	@ 25 Amps	@ 75 Amps	5-Hr	10-Hr	20-Hr	100-Hr			
		530	145	215	239	260	287	1.72		

**CHARGING INSTRUCTIONS**

System Voltage	Charger Voltage Settings (at 77°F/25°C)				
	6V	12V	24V	36V	48V
<b>Bulk Charge</b>	7.41	14.82	29.64	44.46	59.28
<b>Float Charge</b>	6.75	13.50	27.00	40.50	54.00
<b>Equalize Charge</b>	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**

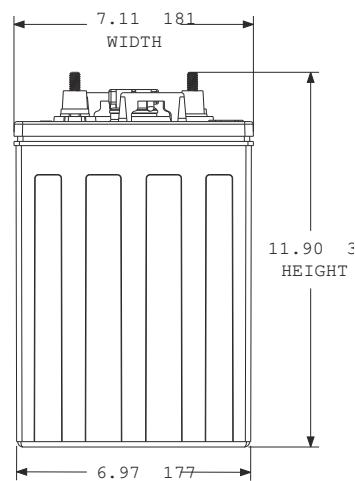
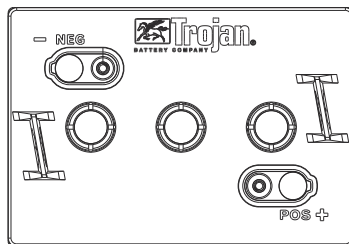
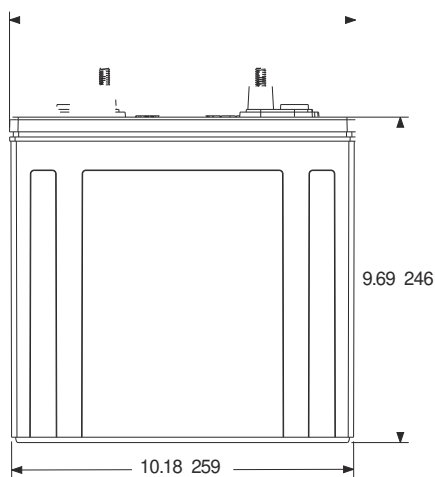
Operating Temperature	Self Discharge
-4°F to 113°F (-20°C to +45°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	5 – 15% per month depending on storage temperature conditions.

**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

1	ELPT	Embedded Low Profile Terminal
		Terminal Height Inches (mm) 1.22 (31) Torque Values in-lb (Nm) 95 105 (11 12) Bolt 5/16
2	EHPT	Embedded High Profile Terminal
		Terminal Height Inches (mm) 1.50 (38) Torque Values in-lb (Nm) 95 105 (11 12) Bolt 5/16

3	EAPT	Embedded Automotive Post Terminal
		Terminal Height Inches (mm) 0.95 (24) Torque Values in-lb (Nm) 50 70 (5.6 7.9)
4	EUT	Embedded Universal Terminal
		Terminal Height Inches (mm) 1.10 (28) Torque Values in-lb (Nm) 95 105 (11 12) Bolt 5/16



- A. The number of minutes a battery can deliver when discharged at a constant rate at 80 F (27 C) and maintained at a voltage above 1.2 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 maintained at a voltage above 1.2 V/cell. Capacities are based on peak performance.
- C. Dimensions may vary depending on type of handle or terminal. Batteries should be mounted with terminals at the highest point on the battery. Heights may vary depending on terminal type.
- D. In (Cold Cranking Amps) - 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.
- E. In (Reserve Capacity) - the number of minutes a battery can deliver when discharged at a constant rate at 80 F (27 C) and maintained at a voltage above 1.2 V/cell. Capacities are based on peak performance.
- F. In (Reserve Capacity) - the number of minutes a battery can deliver when discharged at a constant rate at 80 F (27 C) and maintained at a voltage above 1.2 V/cell. Capacities are based on peak performance.
- G. Terminal images are representative only.



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