

MODEL **J305E-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 ^G	Dimensions ^L Inches (mm)			Weight Lbs. (kg)
					Length	Width	Height ^F	
902	J305E-AC	6	3	7	12.17 (309)	6.85 (174)	14.41 (366)	83 (38)

ELECTRICAL SPECIFICATIONS

Cranking Performance		Capacity ^A Minutes		Capacity ^B 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		
—	—	645	160	250	280	305	339	2.03	—	—

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

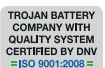
Operating Temperature	Self Discharge
-4°F to 113°F (-20°C to +45°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	5 – 15% per month depending on storage temperature conditions.

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

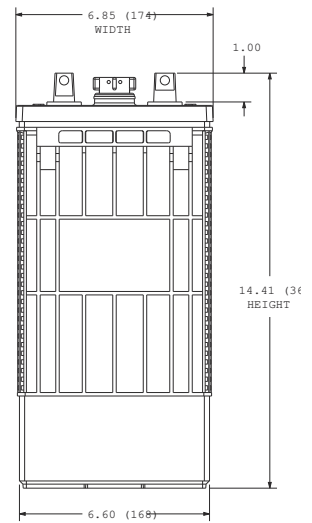
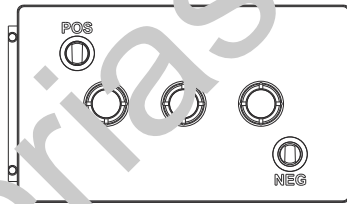
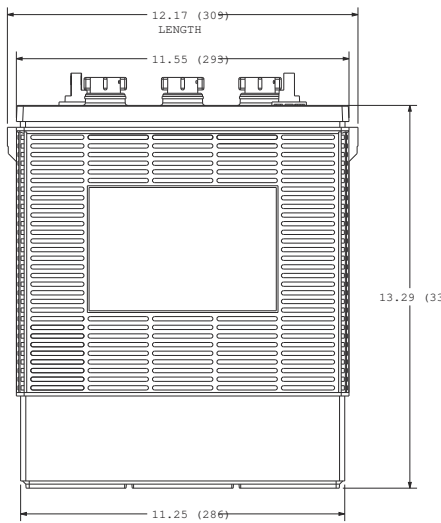


Designed in compliance with applicable BCI, DIN, BS and IEC standards.
 Tested in compliance to BCI and IEC standards.



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



- A. The number of minutes a battery can deliver when discharged at a constant rate at 80 F (27 C) and a constant current (amps) - the discharge load in amperes which a new, fully charged battery can maintain 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 a constant current (amps) - the discharge load in amperes which a new, fully charged battery can maintain 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.
- D. 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. Reserve Capacity - the amount of time a battery can deliver a constant current (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 reserve capacity.
- F. Height - the height of the battery to the highest point on the battery. Heights may vary depending on terminal.
- G. Terminal images are representative only.