

MODEL: J185E-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)		TERMINAL Type	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@75 Amps	5-Hr Rate	20-Hr Rate		Length	Width	Height ^D	
12 VOLT DEEP CYCLE BATTERY - with T2 TECHNOLOGY™										
921	J185E-AC	312	82	144	175	7, 9	15-1/2 (394)	7 (178)	14-5/8 (371)	102 (46)

- 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	12V	24V	36V	48V
Daily Charge	14.8	29.6	44.4	59.2
Float	13.2	26.4	39.6	52.8
Equalize	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).

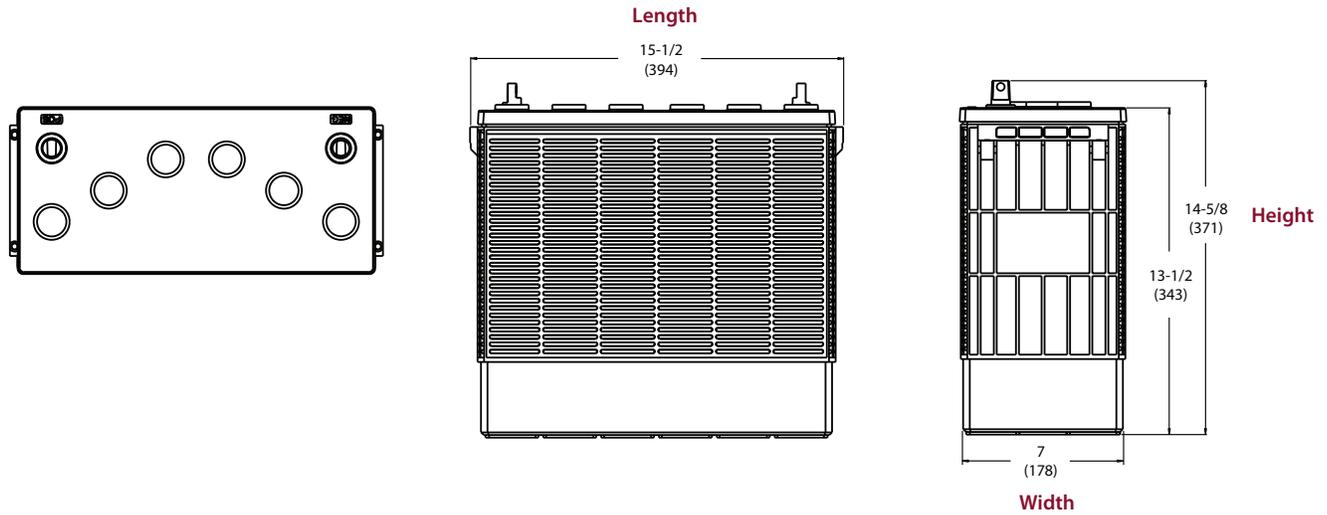
OPERATIONAL DATA

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.

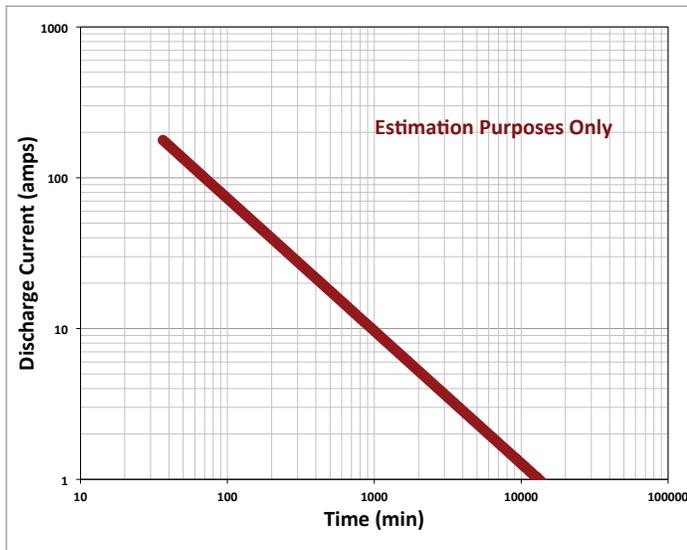
TERMINAL CONFIGURATIONS

7 UT	Universal Terminal
	<i>Terminal Height Inches (mm)</i> 1-1/8 (28) <i>Torque Values in-lb (Nm)</i> 95-105 (10.7 – 11.9) <i>Through-hole Diameter (mm)</i> 5/16-18 (8)
9 WNT	Wingnut Terminal
	<i>Terminal Height Inches (mm)</i> 15/16 (24) <i>Torque Values in-lb (Nm)</i> 95-105 (10.7 – 11.9) <i>Bolt Size</i> 5/16 – 18

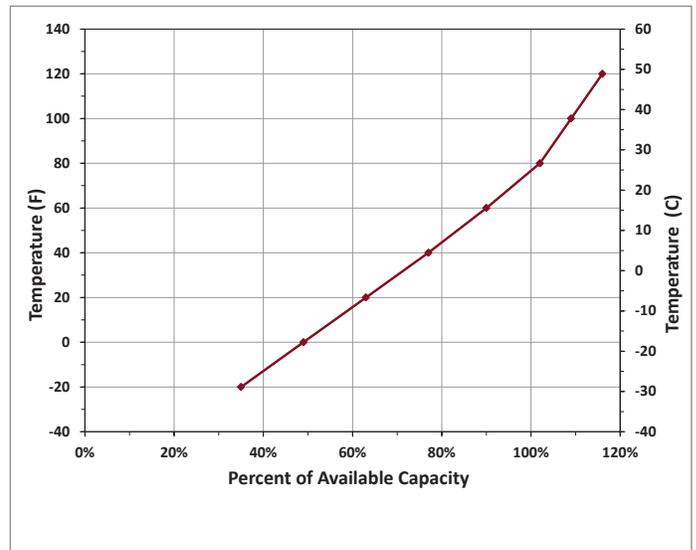
BATTERY DIMENSIONS (shown with UT)



TROJAN J185E-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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