



MODEL: U1-AGM

VOLTAGE: 12

DIMENSIONS: Inches (mm)

BATTERY: VRLA AGM

COLOR: Maroon (case/cover)

MATERIAL: Polypropylene

WATERING SYSTEM: N/A

DESIGN LIFE: 10 Years



PRODUCT SPECIFICATIONS

BCI GROUP SIZE	ТҮРЕ	CAPACITY A Minutes	CRANKING Performance		CAPACITY B Amp-Hours (AH)				ENERGY (kWh)	TERMINAL	DIMEN	DIMENSIONS ^c Inches (mm)		WEIGHT
		@25 Amps	C.C.A. D @0°F	C.A. ^E @32°F	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr Rate	Type ⁶	Length	Width	Height ^F	lbs. (kg)
12 VOLT DEEP CYCLE AGM BATTERY														
U1	U1-AGM	42	240	306	29	31	33	34	0.408	13	7.78 (198)	5.20 (138)	6.75 (171)	27 (12)

- 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.
- . Dimensions are based on nominal size. Dimensions may vary depending on type of handle or terminal. Batteries to be mounted with .5 inches (12.7 mm) spacing minimum.
- D. C.C.A. (Cold Cranking Amps) the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 0°F at a voltage above 1.2 V/cell.

 E. C.A. (Cranking Amps) the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 32°F at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 30°F or M C A @ 30°F
- F. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- G. Terminal images are representative only.

Trojan's battery testing procedures adhere to BCI-05 (Rev Oct 09) and IEC 61427 test standards.

CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)							
System Voltage	12V	24V	36V	48V			
Absorption Charge	14.1 – 14.7	28.2 – 29.4	42.3 – 44.1	56.4 – 58.8			
Float Charge	13.5	27	40.5	54			

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).

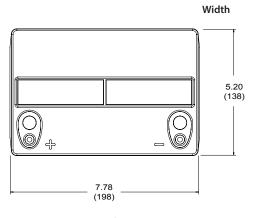
OPERATIONAL DATA

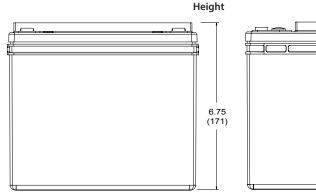
Operating Temperature	Self Discharge
-4°F to 131°F (-20°C to +55°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	Less than 3% per month depending on storage temperature conditions.

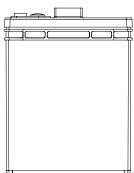
TERMINAL CONFIGURATIONS



BATTERY DIMENSIONS (shown with Insert Terminal)

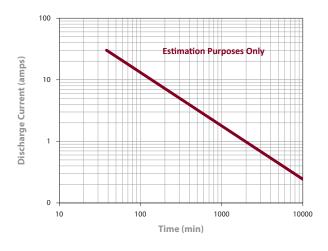




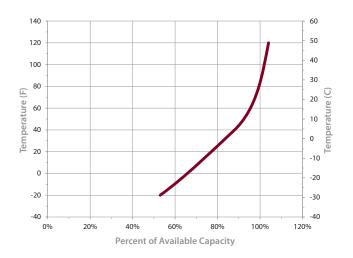


Length

TROJAN U1-AGM PERFORMANCE



PERCENT CAPACITY VS. TEMPERATURE



Trojan's battery testing procedures adhere to BCI-05 (Rev Oct 09) and IEC 61427 test standards.













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

12380 Clark Street, Santa Fe Springs, CA 90670 • USA