



MODEL: 8D-AGM

VOLTAGE: 12

DIMENSIONS: Inches (mm)

BATTERY: VRLA AGM

COLOR: Black (case/cover)

MATERIAL: ABS

WATERING SYSTEM: N/A



PRODUCT SPECIFICATIONS

BCI GROUP	ТҮРЕ	CAPACITY A Minutes	CRANKING Performance		CAPACITY ^B Amp-Hours (AH)			ENERGY (kWh)	TERMINAL	DIMENSIONS ^c Inches (mm)			WEIGHT	
SIZE		@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 DUAL PURPOSE AGM BATTERY														
8D	8D-AGM	460	1450	1850	179	210	230	254	3.05	6	20.47 (520)	10.64 (270)	9.08 (231)	161 (73)

- A. The number of minutes a battery can deliver when discharged at a constant rate at $80^{\circ}F$ ($27^{\circ}C$) 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) for the 20-Hour rate 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. 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 @ 32°F or M.C.A. @ 32°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 both BCI and IEC test standards.

CHARGING INSTRUCTIONS

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

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.

TERMINAL CONFIGURATIONS

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

CHARGING TEMPERATURE COMPENSATION

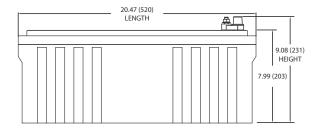
028 VPC for every 10°F (5.55°C) above or below 77°F (25°C)
add .028 VPC for every 10°F (5.55°C) below 77°F and subtract .028 VPC for every 10°C above 77°F

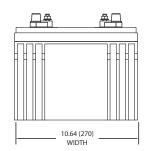
OPERATIONAL DATA

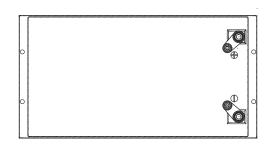
Operating Temperature	Self Discharge
-4°F to 131°F (-20°C to +55°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	Less than 3% per month depending on storage temperature conditions.

BATTERY DIMENSIONS (shown with DT)

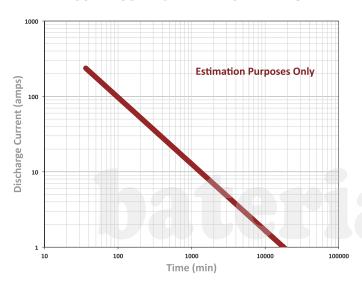
8D-AGM DATA SHEET



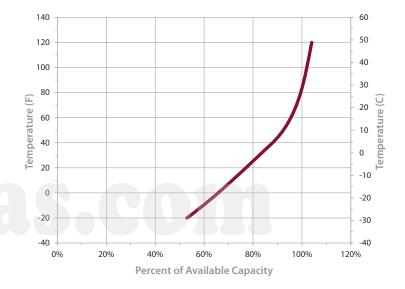




TROJAN 8D-AGM PERFORMANCE



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

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