

MODEL: 5SHP-AGM

VOLTAGE: 12

DIMENSIONS: Inches (mm)

BATTERY: VRLA AGM

COLOR: Black (case/cover)

MATERIAL: ABS

WATERING SYSTEM: N/A



PRODUCT SPECIFICATIONS

BCI GROUP SIZE	TYPE	CAPACITY ^A Minutes	CRANKING Performance	CAPACITY ^B Amp-Hours (AH)				TERMINAL Type ^F	DIMENSIONS ^C Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	C.C.A. ^D @ 0°F (-18°C)	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate		Length	Width	Height ^E	
12 VOLT DUAL-PURPOSE AGM BATTERY												
DIN	5SHP-AGM	283	800	136	143	166	184	8	13.39 (340)	6.81 (173)	11.26 (286)	95 (43)

- 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 77°F (25°C) for AGM Lines 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.** Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- F.** 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)				
System Voltage	12V	24V	36V	48V
Daily Charge	14.1 – 14.7	28.2 – 29.4	42.3 – 44.1	56.4 – 58.8
Float	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.				

TERMINAL CONFIGURATIONS

8	AP	Automotive Post
		Terminal Height Inches (mm) 0.69 (17.4) Torque Values In-lb (Nm) 44 - 62 (5 - 7)

CHARGING TEMPERATURE COMPENSATION

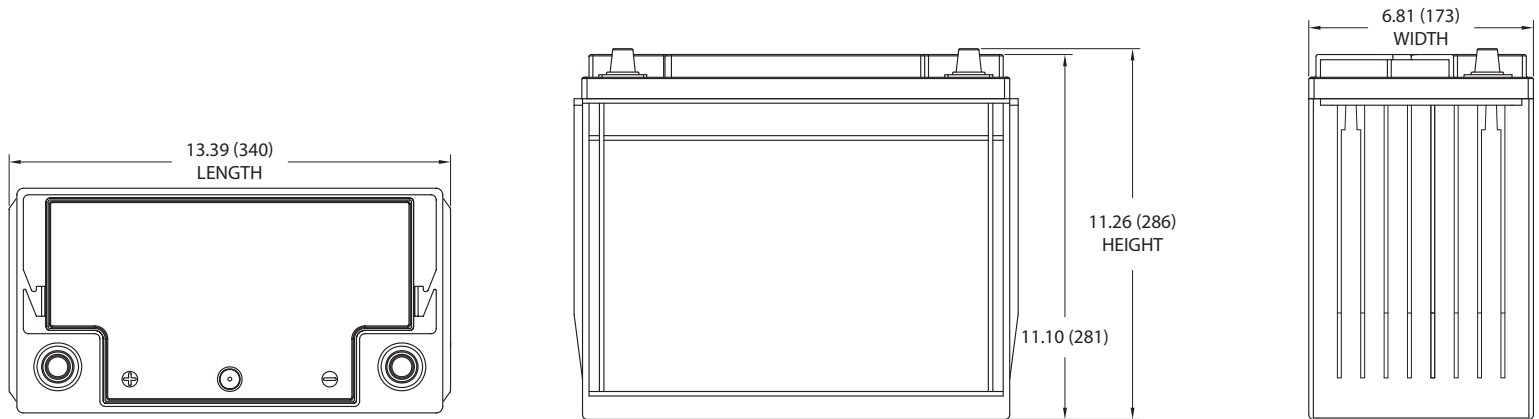
ADD	SUBTRACT
0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F	0.005 volt per cell for every 1°C above 25°C 0.0028 volt per cell for every 1°F above 77°F

OPERATIONAL DATA

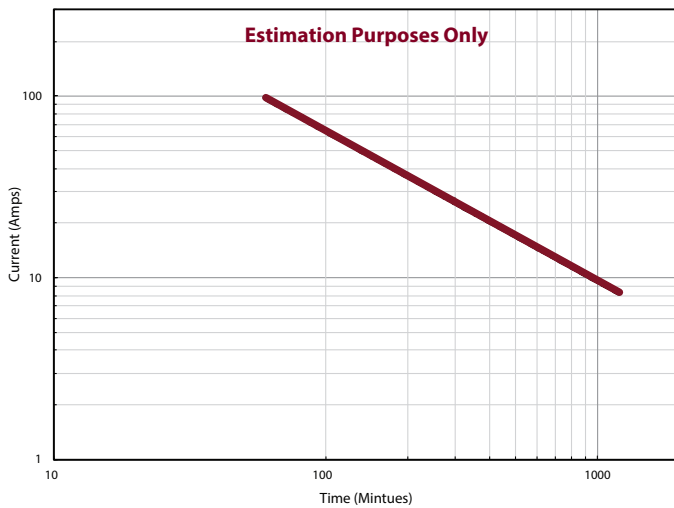
OPERATING TEMPERATURE	SELF DISCHARGE
-4°F to 131°F (-20°C to +55°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	Less than 3% per month depending on storage temperature conditions.



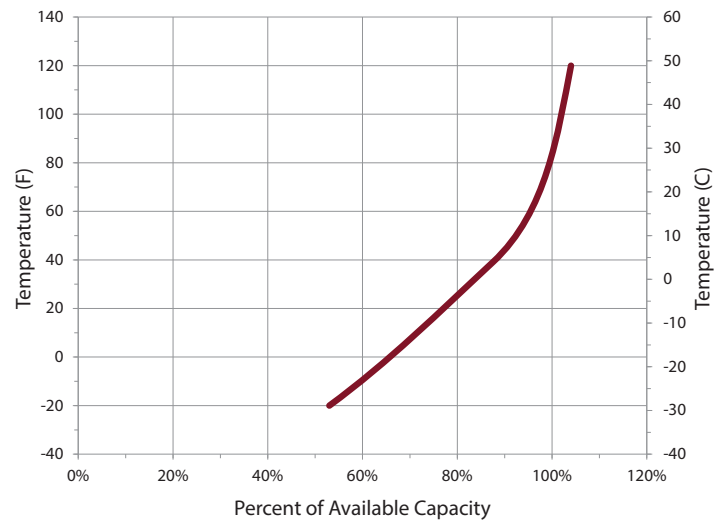
BATTERY DIMENSIONS (shown with AP)



5SHP-AGM 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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