US AGM 12V150

DATA SHEET Sealed Low Maintenance 12 -Volt





Application: Wherever Sealed Low Maintenance & Leak Proof 12-volt batteries are needed.

> Dimensions: 12.9" (327mm)L 7.09" (180mm)W 10.8" (274mm)H

Type: Sealed Non-Spillable Lead Acid (AGM)

Case material: ABS / Heat Sealed

US AGM 12V150 SPECIFICATIONS																				
BCI												Standard	AMP	MINUTES	MINUTES	MINUTES				Wet
Group	Model	1-hr	2-hr	5-hr	6-hr	10-hr	20-hr	48-hr	72-hr	100-hr	Voltage	Terminal	HOURS	@	@	@	Length	Width	Height	Weight
Size		Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate		Туре	(20 HR. RATE)	75 AMPS	56 AMPS	25 AMPS	12.9"	7.09"	10.8"	Lbs (kg)
GC12	US AGM 12V150	102	113	129	132	139	150	159	163	167	12	T11	150	86	120	310	(327)	(180)	(274)	91.5(41.5)

CHARGING INSTRUCTIONS:

Recomended Charge Current

-With Temperature Compensation -Without Temperature Compensation Charge Voltage (12 Volts) Charge Voltage Temp. Compensation

Cyclic Application

37 Amps Max. 13-17 Amps 14.4-15 volts -0.017 V/F° -0.030 V/C°

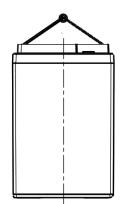
Float Application

37 Amps Max. 13-17 Amps 13.2-13.6 volts -0.017 V/F° -0.030 V/C°

Do not charge at temperature corrected voltages above 15 volts (2.5 volts/cell). Use of a voltage controlled charger is a requirement for warranty coverage. For best cycle life, limit discharge to less than 50% of the battery's 20 hour capacity.

Deep cycle batteries need to be equalized periodically. Equalizing is an extended, low current charge performed after the normal charge cycle. This extra charge helps keep all cells in balance. Actively used batteries should be equalized once per month. Manually timed chargers should have the charge time extended approximately 3 hours. Automatically controlled chargers should be unplugged and reconnected after completing a charge.

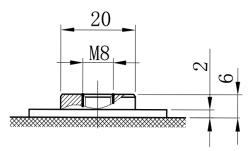


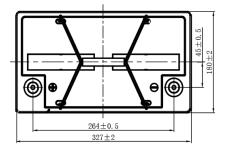




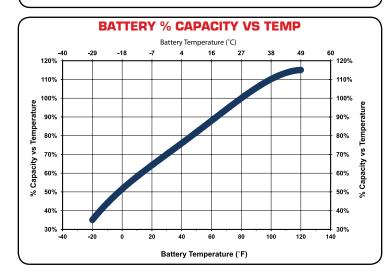
T11 Terminal

Unit: mm



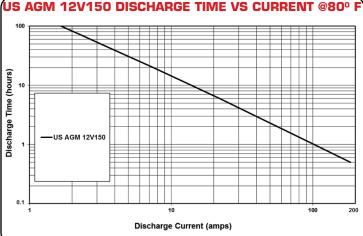


EXPECTED LIFE CYCLES VS. DOD (XC, XC2 & AGM) 100.00 -Flooded Battery Cycle Life (XC & XC2) AGM Battery Cycle Life (>200 Ah) 10,000 ▲ AGM Battery Cycle Life (<200 Ah) Expected Average Cycles 1,000 10 20 30 40 50 60 100 Depth of Discharge (% of 20 Hour Capacity)



0.1

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U.S. Battery Operating Temperature Guidelines

For charging, we recommend staying within O°F to120°F (-18 to 49°C) to avoid charging frozen batteries at low temperature or going into thermal runaway at high temperature.

For discharging, we recommend -20°F to 120°F (-29 to 49°C). Batteries discharged at temperatures below 32°F (O°C) should be recharged immediately to avoid freezing.

Batteries discharged at temperatures above 120°F (49°C) should be allowed to cool before recharging.

Extreme temperatures can substantially affect battery performance and charging. Cold reduces battery capacity and retards charging. Heat increases water usage and can result in overcharging. Very high temperatures can cause "thermal run-away" which may lead to an explosion or fire. If extreme temperature is an unavoidable part of an application, consult a battery/charger specialist about ways to deal with the problem.

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