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

CHARGING INSTRUCTIONS:

Recomended Charge Current	Cyclic Application	Float Application
-With Temperature Compensation	37 Amps Max.	37 Amps Max.
-Without Temperature Compensation	13-17 Amps	13-17 Amps
Charge Voltage (12 Volts)	14.4-15 volts	13.2-13.6 volts
Charge Voltage Temp. Compensation	-0.017 V/F° -0.030 V/C°	-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.

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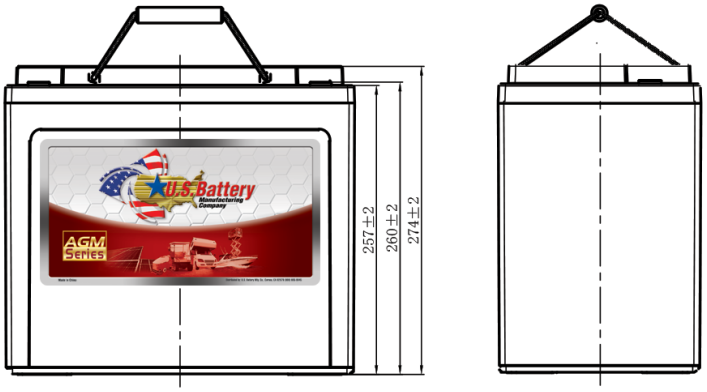
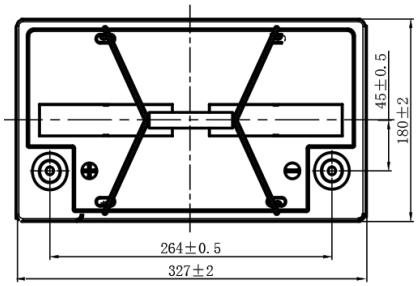
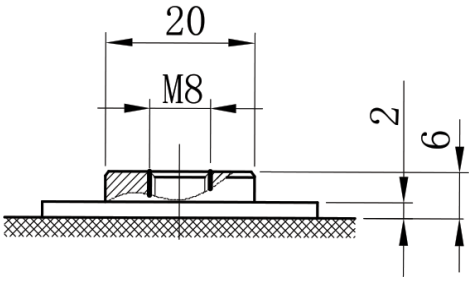


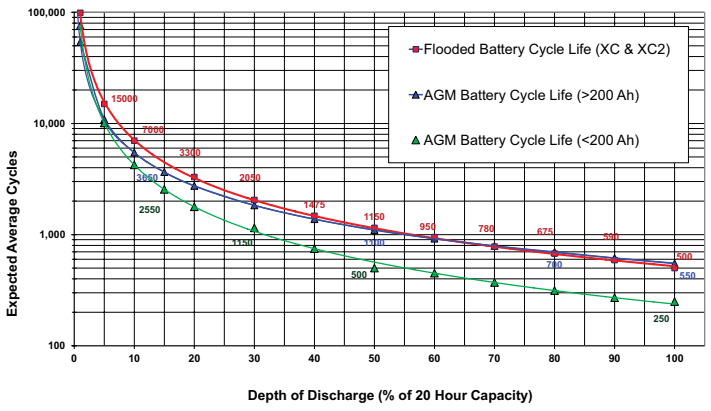
T11 Terminal

Unit: mm

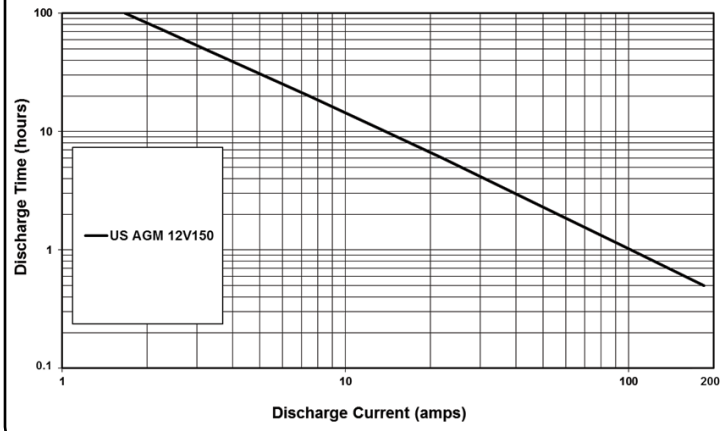




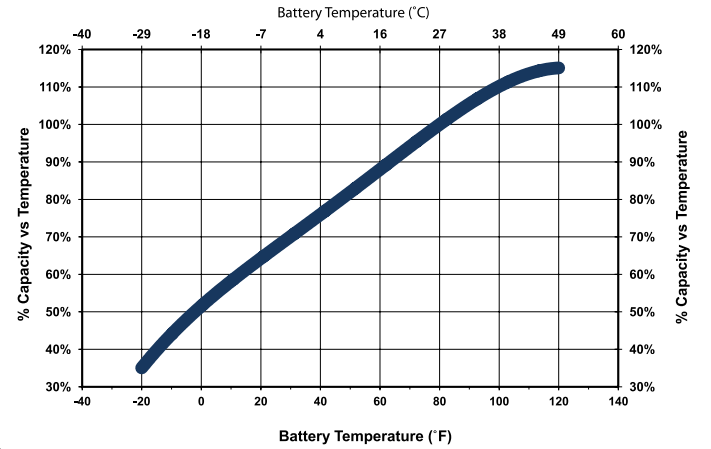
EXPECTED LIFE CYCLES VS. DOD (XC, XC2 & AGM)



US AGM 12V150 DISCHARGE TIME VS CURRENT @80º F



BATTERY % CAPACITY VS TEMP



U.S. Battery Operating Temperature Guidelines

For charging, we recommend staying within 0ºF to120ºF (-18 to 49ºC) to avoid charging frozen batteries at low temperature or going into thermal runaway at high temperature.

For discharging, we recommend -20ºF to 120ºF (-29 to 49ºC). Batteries discharged at temperatures below 32ºF (0ºC) should be re-charged immediately to avoid freezing.

Batteries discharged at temperatures above 120ºF (49ºC) 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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