



MARINE

GOLF

INDUSTRIAL

AUTO

SPECIAL
APPLICATIONS

SOLAR

US AGM 305

- **DEEP CYCLE AGM**

- BCI Group 902, 6V
- Reserve Capacity [Ah@20hr rate]: 340
- Reserve Capacity [Ah@100hr rate]: 366
- Energy [kWh]: 1.87
- Weight: 105.8 lbs.
- Length: 11.61 in (295 mm)
- Width: 7.00 in (178 mm)
- Height: 14.30 in (364 mm)
- DUAL



All of U.S. Battery's AGM Batteries feature the latest and most advanced paste and plate making technologies available.

Premium U.S. Battery's AGM Batteries are Sealed and Maintenance Free. They are Spill Proof, will not leak, and can withstand most freezing temperatures.

U.S. Battery's AGM products offer several advantages over both conventional flooded and GEL lead acid battery types. Since the acid (electrolyte) is absorbed in glass-mats (AGM) surrounding the plates, they will not spill if broken. In addition, since there is no free liquid to cause damage if frozen, our AGM Batteries are rarely damaged by freezing temperatures. Heat generation is reduced during the charge and discharge cycle, providing you longer and more reliable life cycles. All of U.S. Battery's AGM products have very low self discharge rates allowing our batteries to be stored for longer periods of time without the need to boost charge as often.

Hydrogen gas emission is less than 4%, allowing U.S. Battery's AGM products to be used in aircraft applications and in areas with enclosed spaces (but not in sealed or gas-tight containers) U.S. Battery's AGM 2000 plates are constructed and rigidly mounted while tightly packed to withstand shock and vibration found in many motive power applications giving you years of Reliable, Dependable and Maintenance Free usage.

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DATA SHEET

MODEL **US AGM 305**

VOLTAGE **6V**

CAPACITY **340Ah @ 20Hr**

MATERIAL **Polypropylene / Heat Sealed**

BATTERY TYPE **Sealed Non Spillable Lead Acid (AGM)**

6V

PRODUCT + PHYSICAL SPECIFICATIONS

BCI Group Size	Type	Voltage	Cell(s)	Terminal Type ^G	Dimensions ^C Inches (mm)			Weight Lbs. (kg)
					Length	Width	Height ^F	
902	US AGM 305	6	3	DUAL	11.61 (295)	7.00 (178)	14.3 (364)	105.8 (48)

ELECTRICAL SPECIFICATIONS

Cranking Performance		Capacity ^A Minutes			Amp-Hr								
C.C.A. ^D @ 0°F (-18° C)	C.A. ^E @ 32°F (0°C)	@ 25 Amps	@ 56 Amps	@ 75 Amps	1-Hr	2-Hr	5-Hr	6-Hr	10-Hr	20-Hr	48-Hr	72-Hr	100-Hr
—	—	790	330	240	259	283	306	318	326	340	347	360	366

CHARGING INSTRUCTIONS

Recommended Charge Current

Cyclic Application

Float Application

-With Temperature Compensation

78 Amps Max.

78 Amps Max.

-Without Temperature Compensation

30-35 Amps

30-35 Amps

Charge Voltage (6 Volts)

7.2-7.5 volts

6.6-6.8 volts

Charge Voltage Temp.

-0.008 V/F°

-0.008 V/F°

Compensation

-0.015 V/C°

-0.015 V/C°

Do not charge at temperature corrected voltages above 7.5 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.



