



PERFORMANCE SPECIFICATIONS

Voltage per unit	12 Volts
Cell per unit	6 cells
Nominal Capacity (10.50 Volts)	
20 hr.	3.85A / 77AH
10 hr.	7.5A / 75AH
5 hr.	13A / 65AH
1 hr.	45A / 45AH
Approximate Weight	51.8 lb / 23.50 kg
Energy Density	1.43 W-h/in ³ (87.17 W-h/l)
Specific Density	17.65 W-h/lb (38.91 W-h/kg)
Internal Resistance	(Approx.) 6mΩ
Max Discharge Current	N/A
Max Short-Duration Discharge Current	750A (5 sec)

Shelf Life			
1 Month	3 Months	6 Months	12 Months
97%	91%	82%	64%

Operating Temperature Range	
Charge	-4°F (-20°C) to 122°F (50°C)
Discharge	-40°F (-40°C) to 140°F (60°C)

Charging Voltage (25°C)	
Cycle Use	14.4-15V(-30mV/°C), Max. Current 18A
Float Use	13.6-13.8V(-20mV/°C)

Terminal Type	R
Certificate	CE,UR

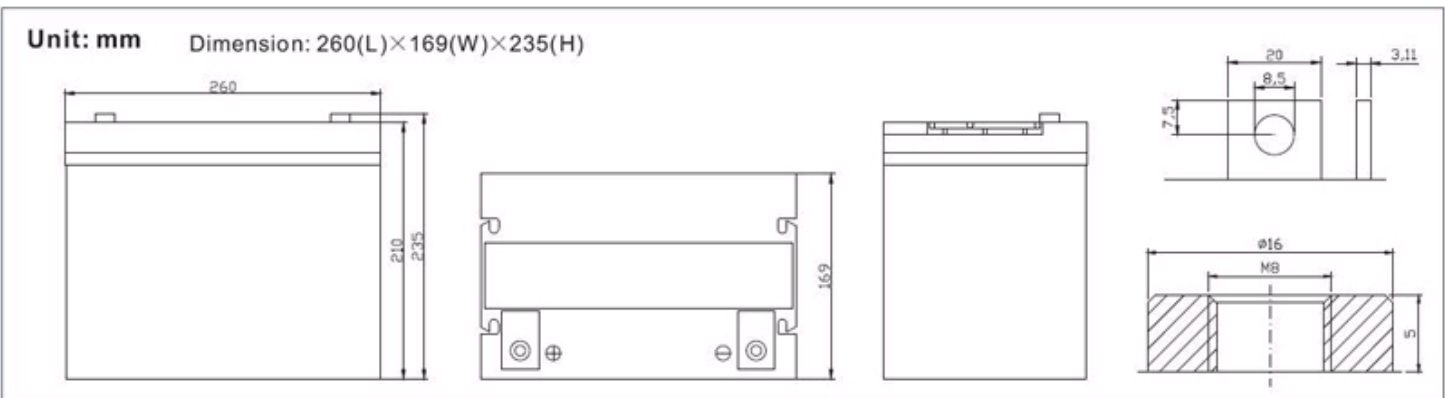
FEATURES

Amstron AP12-75D Rechargeable Sealed Lead Acid Battery is designed with AGM (Absorbent Glass Mat) technology, are designed with applying special chemical formulated active paste materials to plates for stronger electrolyte and low temperature, which can withstand repeated deep cycle applications, such as Electric Vehicles battery, Electric Golf Trolley battery, Electric Wheel Chair battery, Solar Energy battery and UPS backup batteries.

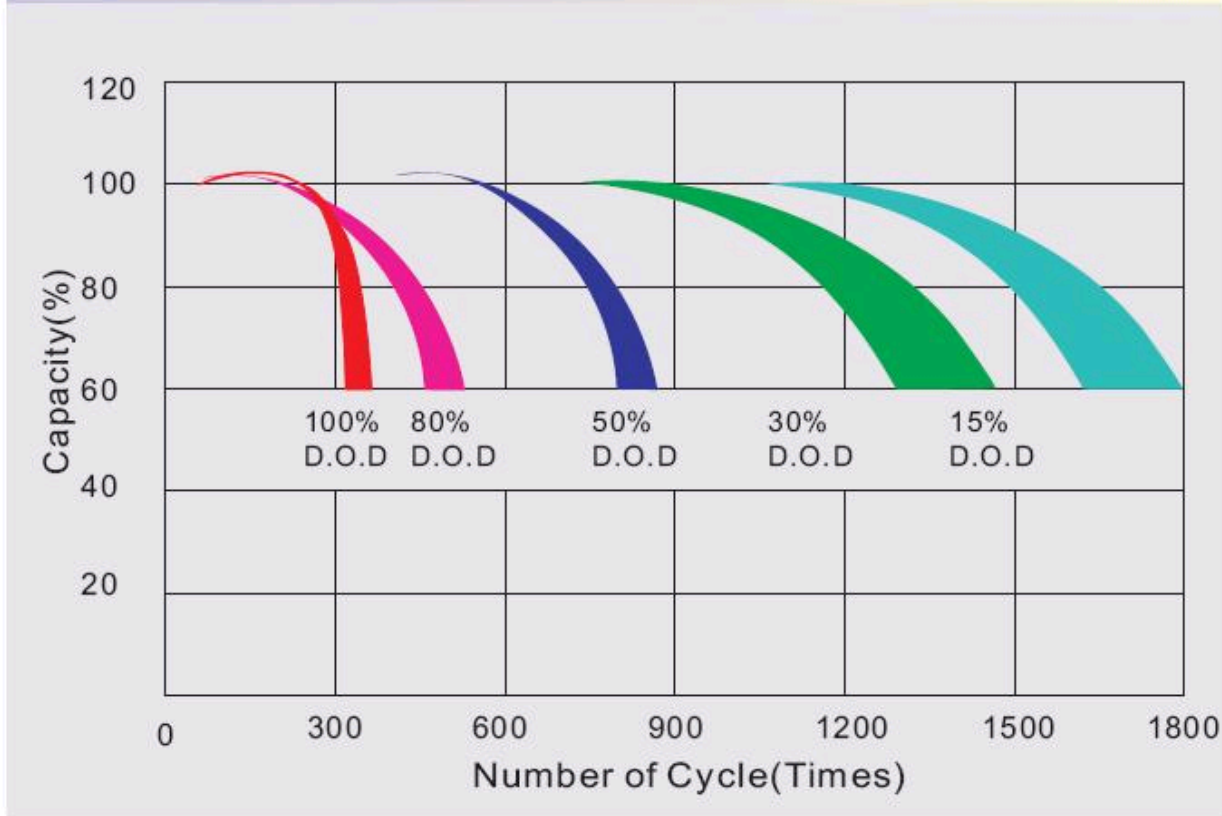
- Air & Transport Approved: DOT, IATA, FAA
- UL recognized under file number MH47341
- Rugged impact resistant ABS case and cover (UL94-HB)
- Flame Retardant (UL94V-0) Optional
- Sealed and maintenance free operation
- Non-Spill construction design
- Valve Regulated Lead Battery (VRLA) Safety venting valve for pressure release

DIMENSIONS L: 10.23 inch (25.98 cm) W: 6.6 inch (16.76 cm) H: 8.26 inch (20.98 cm)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in (+/- 2mm) for height dimensions. All data subject to change without notice.



Life characteristics of cyclic use



MAINTENANCE & CAUTIONS

Float Service:

- Every month, it is recommended the battery voltage is inspected
- Every three months, it is recommended that an equalization charge is performed

Further Information

Please refer to our website www.amstron.com for a complete documentation, such as product catalogs, material safety data sheets (MSDS), ISO certification, UR certification, etc...

CHARGING

Limit initial current to 18A. Charge until battery voltage (under charge) reaches 14.4 to 14.7 volts at 68°F (20°C). Hold at 14.4 to 14.7 volts until current drops to under 750mA. Battery is fully charged under these conditions and charger should be disconnected or switched to "float" voltage.

Contact Information

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