Power

AlphaCell™ AGM

Valve Regulated Lead Acid Batteries

- Runtimes up to 160 minutes in cable, traffic and other outdoor UPS applications
- Absorbent Glass Mat (AGM) technology for efficient gas recombination
- Maintenance-free threaded inserts
- UL-Recognized component

The AlphaCell Batteries provide the ultimate warranties, the longest runtimes and the best longevity in today's demanding outdoor non-temperature controlled environments. AlphaCell AGM batteries are an economical option for broadband, traffic and other indoor/outdoor UPS applications. With a flame-arresting, one-way pressure-relief vent for safety and long life, and a thermally welded case-to-cover bond to ensure a leak-proof seal, Alpha's AGM batteries are classified as non-hazardous material and are not restricted for air, water or surface transport.

AlphaCell AGM

General Specifications

Model:	135 AGM-P	160 AGM
Warranty[1]:	4 year full replacement	1 year full replacement
Service Life:	Long	Average
Runtime (minutes)[2]:	135	160
Sealed VRLA:	Valve regulated lead acid	Valve regulated lead acid
Heat Resistant:	High to Moderate	Moderate
Hydrogen Emission:	Low	Low
Terminals:	Threaded insert 1/4” - 20 UNC	Threaded insert 1/4” - 20 UNC

Specifications

Model:	135 AGM-P	160 AGM
Typical Runtime (minutes)[2]:	135	160
Cells Per Unit:	6	6
Voltage Per Unit:	12.8	12.8
Conductance Value:	1125	1300
Max. Discharge Current (A):	800	800
Short Circuit Current (A):	3100	3300
10 Second Volts @ 100A:	11.5	11.6
Ohms Impedance 60Hz:	0.005	0.004
Capacity at 20hrs: (to 1.75VPC)	75Ah	88Ah
BCI Group size:	24	27
Weight (lb/kg):	54.8/24.9	62/28
Height w/ terminals (in/mm):	8.02/203.6	9.05/229.8
Width (in/mm)[3]:	10.26/260.5	12.57/317.8
Depth (in/mm)[3]:	6.83/173.4	6.83/173.4
Operating Temperature Range		
Discharge:	-40 to 71˚C (-40 to 160˚F)	-40 to 71˚C (-40 to 160˚F)
Charge (with temp compensation):	-23 to 60˚C (-9.4 to 140˚F)	-23 to 60˚C (-9.4 to 140˚F)
Float Charging Voltage (Vdc):	13.5 to 13.8	13.5 to 13.8
AC Ripple Charger:	0.5% RMS or 1.5% of float charge voltage recommended for best results. Max. allowed = 4% P-P	

Notes:
[1] Warranty varies by country and region. Consult your sales person for details.
[2] Runtimes calculated using a 25A DC constant current load with voltage discharge to 1.75V/cell @ 25˚C.
[3] Dimensions at top of battery.

Current Discharge Ratings Table in Amps (end Voltage 1.75VPC)

Hours	1	2	4	8	20
135 AGM-P	49.0	28.0	15.5	8.63	3.75
160 AGM	54.3	31.0	17.8	9.9	4.40

For contact information visit www.alpha.com

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