

Power

AlphaCell™

GXL GelCell Batteries



NEW 195 GXL and 220 GXL:

- High-performance Silver Alloy for maximum life expectancy
- Longer runtime for demanding outdoor environments
- 100% runtime capacity out-of-box – No cycling required
- Maintenance-free threaded inserts — No periodic retorquing
- Available with 4 and 5 year full warranties
- Wide operating temperature range

Alpha's standby battery offering incorporates Gel for thermal dissipation to ensure optimal life performance for your particular Broadband, Traffic or Wi-fi application. AlphaCell Batteries provide the longest runtimes and the best longevity in today's demanding outdoor applications and are backed by Alpha's industry-leading, non-prorated hassle-free warranties.



Model:	220 GXL	195 GXL	165 GXL
Warranty ¹ :	4 to 5 year full replacement	4 to 5 year full replacement	4 to 5 year full replacement
Service Life:	Extended	Extended	Extended
Runtime (minutes) ² :	221	196	165
Sealed VRLA:	Valve regulated lead acid	Valve regulated lead acid	Valve regulated lead acid
Heat Resistant:	Extreme	Extreme	Extreme
Hydrogen Emission:	Low	Low	Low
Terminals:	Threaded insert 1/4" - 20 UNC	Threaded insert 1/4" - 20 UNC	Threaded insert 1/4" - 20 UNC

Specifications⁴

Model:	220 GXL	195 GXL	165 GXL
Typical Runtime (minutes) ² :	221	196	165
Cells Per Unit:	6	6	6
Voltage Per Unit:	12.8	12.8	12.8
Conductance Value:	1175	1100	1000
Max. Discharge Current (A):	900	900	800
Short Circuit Current (A):	2800	2600	2500
10 Second Volts @ 100A:	11.4	11.3	11.2
Ohms Impedance 60Hz:	0.0050	0.0050	0.0055
Nominal Capacity at 20hrs: (to 1.75VPC)	109Ah	100Ah	86
Nominal Capacity at 20hrs: (to 1.70VPC)	110Ah	102Ah	87
BCI Group Size:	31	31	27
Weight (lb/kg):	73/33.2	67/30.5	63/28.6
Height w/ Terminals (in/mm):	8.48/215.4	8.48/215.4	8.05/204.5
Width (in/mm) ³ :	13.42/340.9	13.42/340.9	12.5/317.8
Depth (in/mm) ³ :	6.80/172.7	6.80/172.7	6.83/173.4
Operating Temperature Range			
Discharge:	-40 to 71°C (-40 to 160°F)	-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)	-23 to 60°C (-9.4 to 140°F)
Float Charging Voltage (Vdc):	13.5 to 13.8	13.5 to 13.8	13.5 to 13.8
AC Ripple Charge:	0.5% RMS or 1.5% of float charge voltage recommended for best results. Max. allowed = 4% P-P		

Notes:

- Warranty varies by country and region. Warranty valid only when used with Alpha approved Power Supplies, Chargers and Enclosures. Consult your sales person for details.
- Runtimes calculated using a 25A DC constant current load.
- Dimensions at top of battery.
- See AlphaCell Users Guide for Additional Details.

Typical Standby Time in Minutes @ 25°C/77°F

XM290Vac@	4A	6A	8A	10A
Battery Runtime:	220	195	165	220
3 batteries:	508	453	396	320
4 batteries:	701	625	546	444
6 batteries:	1091	978	853	701
8 batteries:	1487	1338	1165	960
9 batteries:	1686	1519	1322	1091

XM290Vac@	12A	14A	16A	18A
Battery Runtime:	220	195	165	220
3 batteries:	149	132	115	119
4 batteries:	210	187	163	169
6 batteries:	339	301	264	275
8 batteries:	478	419	367	385
9 batteries:	538	479	419	440

XM260Vac@	4A	6A	8A	10A
Battery Runtime:	220	195	165	220
3 batteries:	798	712	622	508
4 batteries:	1091	978	853	701
6 batteries:	1686	1519	1322	1091
8 batteries:	2298	2067	1798	1487
9 batteries:	2590	2345	2037	1686

XM260Vac@	12A	14A	16A	18A
Battery Runtime:	220	195	165	220
3 batteries:	242	215	188	196
4 batteries:	339	301	264	275
6 batteries:	538	479	419	440
8 batteries:	741	660	577	607
9 batteries:	843	753	658	692

* Above calculations based on an AC load with a .90 cable plant power factor.

For contact information visit www.alpha.com

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