

# AlphaCell™ 195 GXL-FT

## Gel Front Terminal Batteries



Your Power Solutions Partner

- True gel technology and high performance separator for extended battery cycle life
- Front access design with protective covers for ease of installation and maintenance
- Ideal for demanding outdoor telecom, Wi-Fi and broadband applications
- High power volume ratio maintenance for gel battery

**Alpha enhances its AlphaCell battery family to include the FT Series of front terminal batteries for cable television and telecommunication applications.**

The AlphaCell FT series are valve regulated lead acid batteries and designed for long life. Benefits of these new batteries include: central gassing system, hinged front covers, integral flame arrestor, recyclable lead and plastics and low self discharge rates. These batteries come with a handle for carrying convenience.



# Power



# AlphaCell™ 195 GXL-FT Gel Front Terminal Batteries

NOMINAL SPECIFICATIONS	
<b>Model</b>	<b>195 GXL-FT P/N: 1810029</b>
<b>Service life</b>	Extended warranty - 3 year full replacement*
<b>Sealed VRLA</b>	Valve regulated lead acid
<b>Heat resistant</b>	Extreme
<b>Hydrogen emission</b>	Low
<b>Terminals</b>	16mm insert M6 thread
<b>Typical runtime</b>	195 mins
<b>Cells per unit</b>	6
<b>Voltage per unit</b>	12.8V
<b>Conductance value</b>	800-1200
<b>Max. discharge current</b>	400A
<b>Short circuit current</b>	3000A
<b>10 Second volts @ 100A</b>	10.8
<b>Impedance @ 60Hz (Ohms)</b>	0.0041
<b>Capacity at 20hrs (to 1.75VPC)</b>	110Ah
MECHANICAL	
<b>Dimensions w/ terminals**</b>	mm 285H x 110W x 395D
	inches 11.22H x 4.33W x 15.55D
<b>Weight</b>	34.5kg (76.3lbs)
ENVIRONMENTAL	
<b>Discharge</b>	-40 to 71°C (-40 to 160°F)
<b>Charge (with temp compensation)</b>	-20 to 50°C (-4 to 122°F)
<b>Float charging voltage (Vdc)</b>	Float 2.27 to 2.30VPC @ 25°C cycling 2.35VPC @ 25°C
<b>AC ripple charger</b>	0.5% RMS or 1.5% of float charge voltage recommended for best results. Max. allowed = 4% P-P

\*Warranty varies by country and region

\*\*Dimensions at top of battery. For information on the warranties please contact your sales rep.

CURRENT DISCHARGE RATINGS TABLE IN AMPS (END VOLTAGE 1.75VPC)													
Hours	1	2	3	4	6	8	10	12	20	24	48	72	100
<b>195 GXL-FT</b>	69.2	38.0	26.8	21.1	15.2	12.0	9.92	8.48	5.50	4.60	2.31	1.56	1.13

Alpha Technologies Ltd.

For more information visit [www.alpha.ca](http://www.alpha.ca)

Canada: Burnaby, British Columbia T: 604.436.5900 F: 604.436.1233

United States: Bellingham, Washington T: 360.647.2360 F: 360.671.4936

#0470043-00 Rev D (09/2017)

Alpha Technologies reserves the right to make changes to the products and information contained in this document without notice.

Copyright © 2017 Alpha Technologies. All Rights Reserved. Alpha® is a registered trademark of Alpha Technologies.

member of The Alpha Group™ is a trademark of Alpha Technologies.

member of The Group™