

FIAMM

Industrial Batteries

HIGHLITE FLX200



FIAMM's FLX batteries have been specifically designed to achieve optimal performance in:

- + High-Rate UPS Systems

FLX Product Features

- + High integrity design with superior energy density in industry standard footprint
- + Microporous absorbent glass mat "AGM" technology, low maintenance, 99% recombination, non-spillable
- + 10-year design life at 25C
- + UL 94 V0 Rated flame retardant plastics
- + Gravity cast, high purity, Lead-Tin Calcium grids for low corrosion and high rate performance
- + Individual cell flame arrestors
- + Non-spillable, unrestricted for air/water/surface transport
- + Handles, integrated design, flush mount

FIAMM FLX200

| PART NUMBER | CAPACITY Watt per Cell 15 mins 1.67V/C | CAPACITY Amp Hours 8 hours 1.75V/C | DIMENSIONS (ins) | | | WEIGHT lbs/(kg) | TERMINALS |
|-------------|--|--|------------------------------|----------------------------|------------------------------|--------------------|-----------|
| | | | Top Length/ Bottom Length | Top Width/ Bottom Width | Top Height/ Bottom Height | | |
| 12 FLX 200 | 200 | 48.96 | 9.01/8.90 | 5.43/5.34 | 8.35 | 40.8/(18.5) | 1/4" - 20 |

DISCHARGE WATTS PER CELL AT 77°F

| Volts per Cell | MINUTES | | | | | | |
|----------------|---------|-----|-----|-----|-----|------|------|
| | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.60 | 337 | 255 | 205 | 167 | 123 | 88.4 | 69.4 |
| 1.65 | 324 | 249 | 202 | 165 | 121 | 87.8 | 69.1 |
| 1.67 | 318 | 244 | 200 | 164 | 121 | 87.5 | 68.9 |
| 1.70 | 310 | 238 | 195 | 162 | 120 | 87.0 | 68.5 |
| 1.75 | 295 | 226 | 185 | 156 | 118 | 85.7 | 67.8 |
| 1.80 | 276 | 213 | 178 | 150 | 114 | 83.7 | 66.5 |
| 1.85 | 243 | 196 | 166 | 140 | 107 | 79.2 | 62.7 |

Applicable Standards

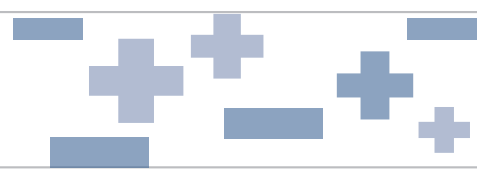
Telcordia (Bellcore) SR-4228
 Telcordia (Bellcore) TR-NWT-001200
 Telcordia (Bellcore) TR-NWT-000909
 UL Recognized

UL 94
 UL 1778
 IEC 60896 Part 21-22

Fiamm

Global Manufacturer of lead acid batteries since 1942
 USA manufacturing plant- Waynesboro, Georgia

HIGHLITE FLX200



FLX200 EXTENDED RUNTIME DISCHARGE WATTS PER CELL AT 77°F

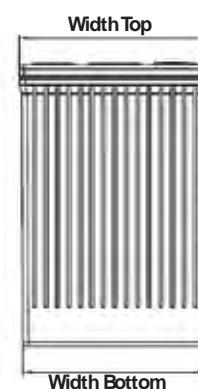
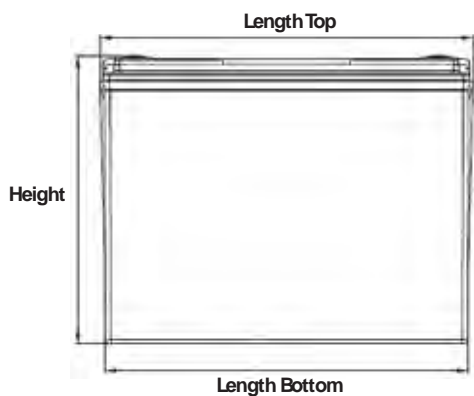
| Volts per Cell | MINUTES | | | | | | |
|----------------|---------|------|------|------|------|------|------|
| | 90 | 120 | 180 | 240 | 300 | 480 | 600 |
| 1.60 | 48.8 | 39.1 | 27.7 | 21.6 | 18.0 | 12.1 | 10.0 |
| 1.65 | 48.6 | 39.0 | 27.6 | 21.5 | 17.9 | 12.1 | 9.97 |
| 1.67 | 48.5 | 38.9 | 27.5 | 21.5 | 17.9 | 12.0 | 9.96 |
| 1.70 | 48.3 | 38.8 | 27.5 | 21.4 | 17.8 | 12.0 | 9.94 |
| 1.75 | 47.9 | 38.6 | 27.3 | 21.3 | 17.8 | 11.9 | 9.89 |
| 1.80 | 47.2 | 38.1 | 27.1 | 21.1 | 17.6 | 11.8 | 9.79 |
| 1.85 | 44.4 | 35.8 | 25.4 | 19.9 | 16.7 | 11.3 | 9.30 |

FLX200 DISCHARGE AMPS AT 77°F

| Volts per Cell | MINUTES | | | | | | |
|----------------|---------|------|------|------|------|------|------|
| | 30 | 60 | 120 | 180 | 240 | 300 | 480 |
| 1.60 | 66.9 | 37.4 | 20.8 | 14.6 | 11.4 | 9.44 | 6.33 |
| 1.65 | 65.5 | 36.8 | 20.6 | 14.5 | 11.2 | 9.35 | 6.28 |
| 1.67 | 64.4 | 36.4 | 20.4 | 14.4 | 11.2 | 9.30 | 6.24 |
| 1.70 | 63.8 | 36.1 | 20.3 | 14.3 | 11.1 | 9.27 | 6.22 |
| 1.75 | 61.6 | 35.2 | 19.9 | 14.1 | 10.7 | 9.12 | 6.12 |
| 1.80 | 58.7 | 34.1 | 19.4 | 13.8 | 10.0 | 8.94 | 6.00 |
| 1.85 | 54.2 | 31.7 | 18.0 | 12.7 | 9.26 | 8.39 | 5.67 |

Electrical Characteristics

- FLOAT VOLTAGE AT 77°F: 13.62 V/block (13.6-13.8)
- FLOAT VOLTAGE COMPENSATION WITH TEMPERATURE: -8.3 mV/°F per bloc
- SELF-DISCHARGE AT 77°F: < 2% / month



FIAMM Energy LLC, One FIAMM Way, Waynesboro, GA 30830 Tel. 888-77-FIAMM (888-773-4266)
FIAMM Technologies LLC reserves the right to change or revise without notice any information or detail given in this publication

FIAMM Energy LLC
1 FIAMM Way
Waynesboro, GA 30830
www.fiamm.com
email:info.standby.america@fiamm.com



Industrial Batteries