

# FIAMM

Industrial Batteries

# HIGHLITE FLX350



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 FLX350

| PART NUMBER | CAPACITY<br>Watt per Cell<br>15 mins 1.67V/C | CAPACITY<br>Amp Hours<br>8 hours 1.75V/C | DIMENSIONS (ins)             |                            |                              | WEIGHT<br>lbs/(kg) | TERMINALS |
|-------------|--|--|------------------------------|----------------------------|------------------------------|--------------------|-----------|
|             |  |  | Top Length/<br>Bottom Length | Top Width/<br>Bottom Width | Top Height/<br>Bottom Height |                    |           |
| 12 FLX 350  | 350  | 79.2                                     | 11.87/11.76                  | 6.85/6.57                  | 8.58                         | 68.3/(31.0)        | 1/4" - 20 |

### DISCHARGE WATTS PER CELL AT 77°F

| Volts per Cell | MINUTES |     |     |     |     |     |     |
|----------------|---------|-----|-----|-----|-----|-----|-----|
|                | 5       | 10  | 15  | 20  | 30  | 45  | 60  |
| 1.60           | 612     | 450 | 360 | 289 | 204 | 147 | 115 |
| 1.65           | 590     | 441 | 356 | 284 | 203 | 145 | 114 |
| 1.67           | 581     | 433 | 350 | 281 | 201 | 145 | 114 |
| 1.70           | 567     | 422 | 343 | 276 | 199 | 144 | 113 |
| 1.75           | 515     | 400 | 322 | 266 | 194 | 141 | 111 |
| 1.80           | 441     | 356 | 290 | 245 | 186 | 138 | 110 |
| 1.85           | 385     | 313 | 265 | 226 | 175 | 130 | 103 |

### 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 FLX350



## FLX350 EXTENDED RUNTIME DISCHARGE WATTS PER CELL AT 77°F

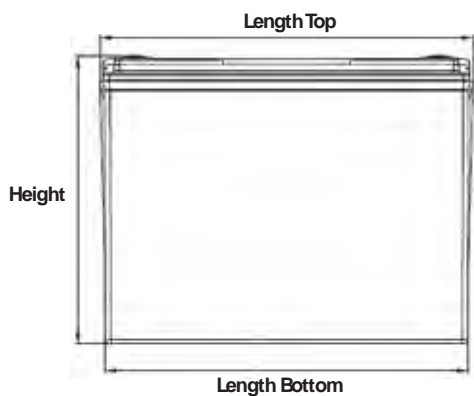
| Volts per Cell | MINUTES |      |      |      |      |      |      |
|----------------|---------|------|------|------|------|------|------|
|                | 90      | 120  | 180  | 240  | 300  | 480  | 600  |
| 1.60           | 79.2    | 62.3 | 44.1 | 34.5 | 28.9 | 19.6 | 16.4 |
| 1.65           | 78.7    | 62.0 | 43.9 | 34.4 | 28.8 | 19.6 | 16.3 |
| 1.67           | 78.6    | 61.9 | 43.8 | 34.3 | 28.7 | 19.5 | 16.3 |
| 1.70           | 78.3    | 61.7 | 43.7 | 34.2 | 28.7 | 19.5 | 16.3 |
| 1.75           | 77.4    | 61.5 | 43.4 | 34.1 | 28.6 | 19.3 | 16.1 |
| 1.80           | 76.3    | 60.7 | 42.9 | 33.6 | 28.2 | 19.2 | 16.0 |
| 1.85           | 72.0    | 57.6 | 41.5 | 32.6 | 27.4 | 18.6 | 15.6 |

## FLX350 DISCHARGE AMPS AT 77°F

| Volts per Cell | MINUTES |      |      |      |      |      |      |
|----------------|---------|------|------|------|------|------|------|
|                | 30      | 60   | 120  | 180  | 240  | 300  | 480  |
| 1.60           | 111     | 62.0 | 33.1 | 23.4 | 18.2 | 15.2 | 10.3 |
| 1.65           | 109     | 60.8 | 32.7 | 23.1 | 18.0 | 15.0 | 10.2 |
| 1.67           | 107     | 60.2 | 32.4 | 22.9 | 17.9 | 14.9 | 10.1 |
| 1.70           | 106     | 59.7 | 32.3 | 22.7 | 17.8 | 14.9 | 10.1 |
| 1.75           | 102     | 57.9 | 31.8 | 22.3 | 17.5 | 14.7 | 9.90 |
| 1.80           | 96.1    | 56.2 | 30.9 | 21.8 | 17.1 | 14.3 | 9.74 |
| 1.85           | 88.7    | 51.9 | 29.0 | 20.9 | 16.4 | 13.7 | 9.34 |

### 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



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FIAMM Technologies LLC reserves the right to change or revise without notice any information or detail given in this publication

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