

FIAMM

Industrial Batteries

HIGHLITE FLX300



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 FLX300

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 300	300	66.0	10.27/10.16	6.85/6.57	8.58	59.5/(27.0)	1/4" - 20

DISCHARGE WATTS PER CELL AT 77°F

Volts per Cell	MINUTES						
	5	10	15	20	30	45	60
1.60	527	389	308	248	178	127	99.2
1.65	513	380	305	243	174	125	98.0
1.67	506	374	300	241	173	125	97.4
1.70	497	367	294	238	172	123	96.7
1.75	444	342	275	223	165	119	94.1
1.80	376	298	247	206	158	115	91.4
1.85	332	268	227	193	149	111	87.8

Applicable Standards

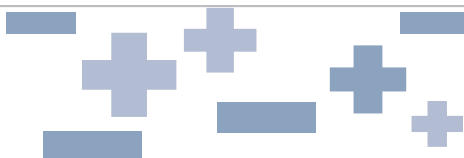
Telcordia (Bellcore) SR-4228
 Telcordia (Bellcore) TR-NWT-001200
 Telcordia (Bellcore) TR-NWT-000909
 UL Recognized

UL 94
 UL 1778
 IEC 60896 Part 21-22

Fiamm

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

HIGHLITE FLX300



FLX300 EXTENDED RUNTIME DISCHARGE WATTS PER CELL AT 77°F

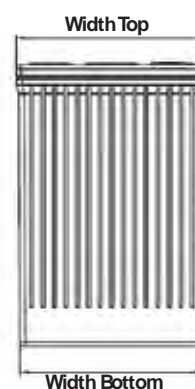
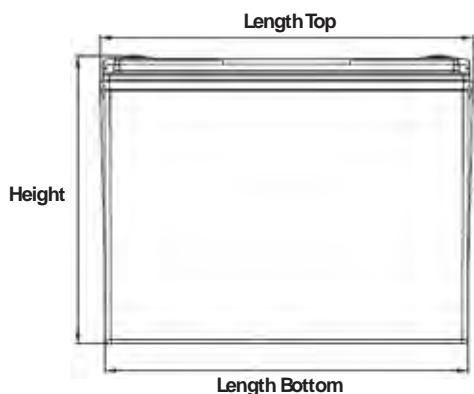
Volts per Cell	MINUTES						
	90	120	180	240	300	480	600
1.60	67.0	51.9	36.8	28.8	24.1	16.4	13.7
1.65	66.5	51.7	36.6	28.7	24.0	16.3	13.6
1.67	66.3	51.6	36.5	28.6	24.0	16.3	13.6
1.70	65.9	51.5	36.4	28.5	23.9	16.2	13.6
1.75	64.9	51.2	36.2	28.4	23.8	16.1	13.5
1.80	63.8	50.8	35.8	28.0	23.5	16.0	13.4
1.85	61.5	49.1	34.6	27.2	22.8	15.5	13.0

FLX300 DISCHARGE AMPS AT 77°F

Volts per Cell	MINUTES						
	30	60	120	180	240	300	480
1.60	96.9	53.4	27.6	19.5	15.2	12.7	8.57
1.65	93.9	52.1	27.2	19.2	15.0	12.5	8.49
1.67	92.3	51.4	27.0	19.1	14.9	12.5	8.45
1.70	91.3	50.9	26.9	18.9	14.8	12.4	8.41
1.75	86.2	48.9	26.5	18.6	14.6	12.2	8.25
1.80	81.2	46.8	25.9	18.2	14.2	11.9	8.11
1.85	75.4	44.4	24.7	17.4	13.6	11.4	7.78

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