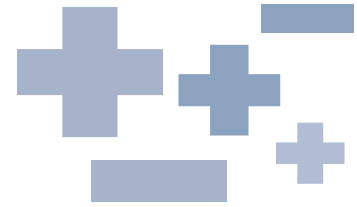


FIAMM

Industrial Batteries

HIGHLITE FLX540



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 FLX540

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 540	540	136.7	13.31/12.74	6.85/6.57	10.87	97.5/(44.3)	1/4" - 20

DISCHARGE WATTS PER CELL AT 77°F

Volts per Cell	MINUTES						
	5	10	15	20	30	45	60
1.60	952	728	578	477	356	256	202
1.65	900	687	554	458	348	253	202
1.67	869	657	540	448	343	252	196
1.70	849	647	534	447	342	248	195
1.75	765	607	501	427	328	243	193
1.80	687	554	464	401	315	238	189
1.85	590	488	412	352	283	216	177

Applicable Standards

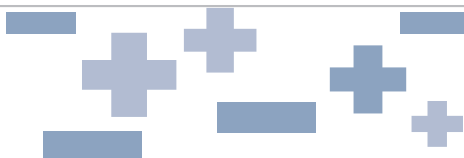
Telcordia (Bellcore) SR-4228
 Telcordia (Bellcore) TR-NWT-001200
 Telcordia (Bellcore) TR-NWT-000909
 UL Recognized

UL 94
 UL 1778
 IEC 60896 Part 21-22

Fiamm

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

HIGHLITE FLX540



FLX540 EXTENDED RUNTIME DISCHARGE WATTS PER CELL AT 77°F

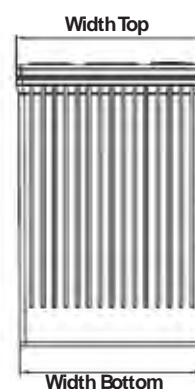
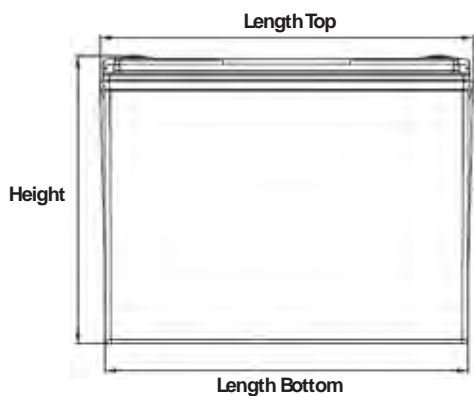
Volts per Cell	MINUTES						
	90	120	180	240	300	480	600
1.60	138	107	76.2	59.6	49.8	33.9	28.3
1.65	137	107	75.8	59.3	49.7	33.8	28.1
1.67	136	107	75.6	59.2	49.6	33.7	28.1
1.70	136	107	75.3	59.0	49.4	33.6	28.1
1.75	134	106	74.8	58.7	49.2	33.3	27.8
1.80	132	105	74.1	58.0	48.6	33.1	27.7
1.85	124	99.4	71.6	56.2	47.2	32.2	26.8

FLX540 DISCHARGE AMPS AT 77°F

Volts per Cell	MINUTES						
	30	60	120	180	240	300	480
1.60	194	109	57.1	40.2	31.4	26.2	17.7
1.65	187	107	56.3	39.7	31.0	25.9	17.5
1.67	184	105	55.9	39.4	30.8	25.7	17.4
1.70	181	104	55.6	39.2	30.6	25.6	17.4
1.75	172	100	54.7	38.5	30.1	25.2	17.0
1.80	163	97.0	53.3	37.6	29.5	24.6	16.8
1.85	144	89.5	50.0	35.9	28.2	23.6	16.1

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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Industrial Batteries