



ENERLITE

SPX RANGE



FIAMM SPX range is derived from long experience in cycling applications. The SPX range has been specifically designed to ensure optimal discharge performance and highest reliability in many different environments. FIAMM has a program of continuous improvement investing in manufacturing processes, equipment and technology. The highest level of quality and respect for the environment is assured by FIAMM's adherence to ISO9001 quality system and ISO14001 environmental system. Our continuous investment in battery technology is reflected by means of premium products that are of the highest quality and reliability.

SPX valve regulated lead acid batteries are the ideal energy source for many different standby applications.

TECHNICAL FEATURES

- ▶ **Plates and Grid:** Thick plates with cast grids to ensure high cycling
- ▶ **Separator:** Microporous glass mat
- ▶ **Electrolyte:** Specific formulation for cycling applications
- ▶ **Container and Lids:** ABS plastic (FV0 upon request)
- ▶ **Safety Valves:** Low pressure safety release valves

APPLICABLE STANDARDS

- ▶ IEC 60896 part 21-22
- ▶ British Standard BS 6290
- ▶ British Standard 6334
- ▶ UL Recognized
- ▶ Eurobat Guide - High Performance



PRODUCT FEATURES

- ▶ Safety
- ▶ Reliability
- ▶ Maintenance free
- ▶ Design life > 12 years (at 25°C)



Standby Batteries

TECHNICAL SPECIFICATIONS

- ▶ **FLOAT VOLTAGE CHARGE AT 25°C:** Standby use 13.62 V/bloc (2.27 V/cell)
Frequent discharge use 14.1 V/bloc (2.35 V/cell)
- ▶ **BOOST CHARGE:** 14.1-14.4 V/bloc (2.35 - 2.4 V/cell)
- ▶ **MAXIMUM CHARGE CURRENT:** 0.25 C20 A (i.e.: for a 100Ah bloc maximum charge current is 25 Amps)

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BATTERY TYPE	NORMINAL VOLTAGE (V)	NOMINAL CAPACITY (Ah) 20 hrs, 1.75 VPC	DIMENSION*			WEIGHT (Kg)	TERMINAL TYPE
			L	W (mm)	H/TH		
12 SPX 26	12	26	166	175	125/125	9.1	M6/12
12 SPX 33	12	33	196	130	159/164	12.0	M6/12
12 SPX 42	12	42	197	163	170/170	14.3	M6/16
12 SPX 55	12	55	229	138	207/212	18.2	M8/18
12 SPX 75	12	75	350	166	175/175	23.3	M8/18
12 SPX 80	12	80	259	168	209/213	26.8	M8/18
12 SPX 90	12	90	305	168	207/212	31.4	M8/18
12 SPX 100	12	100	329	172	214/221	32.8	M8/18
12 SPX 120	12	120	407	173	220/225	38.0	M8/18
12 SPX 150	12	150	483	170	220/220	46.0	M8/18
12 SPX 205	12	205	500	226	235/235	65.0	M8/18
12 SPX 235	12	235	500	260	235/235	74.4	M8/18

Note: Dimensions may have a natural tolerance of ± 2 mm.

SPX TERMINAL TYPES

