



ENERLITE

SP RANGE



TECHNICAL FEATURES

- ▶ **Plates and Grids:** Thick plates with cast grids to ensure long and reliable life
- ▶ **Separator:** Microporous glass mat
- ▶ **Containers and Lids:** ABS plastic (FV0 upon request)
- ▶ **Safety Valves:** Low pressure safety release valves

The SP range is derived from long experience of standby markets and applications. The SP 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 and ISO14001 environmental systems. Our continuous investment in battery technology is reflected by means of premium products that are of the highest quality and reliability.

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

APPLICABLE STANDARDS

- ▶ British Standard BS 6290
- ▶ British Standard 6334
- ▶ IEC 60896 part 21-22
- ▶ UL Recognized



PRODUCT FEATURES

- ▶ Safety
- ▶ Reliability
- ▶ Maintenance free
- ▶ Long design life > 10 years



Standby Batteries

TECHNICAL SPECIFICATIONS

- ▶ **FLOAT VOLTAGE CHARGE AT 25°C** : 13.62 V/bloc (2.27 V/cell)
- ▶ **BOOST CHARGE / FREQUENT DISCHARGE USE**: 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)

FIAMM SP RANGE

BATTERY TYPE	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (Ah) 20 hrs, 1.75 VPC	L	DIMENSION*			WEIGHT (Kg)	TERMINAL TYPE
				(mm)	W	H/TH		
12 SP 26	12	26	166	175	125/125	9.0	M6/12	
12 SP 33	12	33	198	130	158/178	12.0	M6/12	
12 SP 42	12	42	197	165	170/170	14.3	M6/16	
12 SP 55	12	55	229	138	207/212	18.2	M6/16	
12 SP 70	12	70	272	166	191/195	23.2	M8/18	
12 SP 75	12	70	350	166	174/174	23.5	M8/18	
12 SP 80	12	80	260	169	208/212	27.2	M8/18	
12 SP 90	12	90	305	168	208/212	31.4	M8/18	
12 SP 100	12	100	329	172	217/221	32.8	M8/18	
12 SP 120	12	120	407	173	221/225	38.0	M8/18	
12 SP 135	12	135	345	172	275/279	46.3	M8/18	
12 SP 150	12	150	485	170	220/220	46.0	M8/18	
12 SP 155	12	150	500	175	235/235	46.5	M8/20	
12 SP 170	12	170	500	192	235/235	55.5	M8/20	
12 SP 205	12	200	500	226	235/235	65.0	M8/20	
12 SP 235	12	230	500	260	235/235	75.0	M8/20	

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

SP TERMINAL TYPES

