FIAMM

Industrial Batteries

ENERLITE

SP series

Technical Features

Plates and Grids: thick plates with cast grids to ensure long and reliable life
Separators: microporous glass mats
Containers and Lids: ABS plastic (FV0 upon request)
Safety Valves: low pressure safety release valves
Terminals: threaded female M6/M8 post terminals

FIAMM **SP** range is derived from long experience in standby markets and general 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 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.

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

Applicable Standards

IEC 60896 Part 21-22 (when FV0)
BS 6290 Part 4 (when FV0)
Eurobat Guide - High Performance
UL Recognized

Product Features

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

Standby Products

draft

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FIAMM SP range

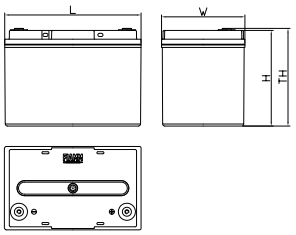
BATTERY TYPE	NOMINAL VOLTAGE (V)	CAPACITY (AH) Ah at 20°C	SHORT CIRCUIT CURRENT (A)	INTERNAL RESISTANCE (mohm)	DIMENSIONS (mm)			WEIGHT (kg)	TERMINAL TYPE
		20 hrs to 1.75 VPC	IEC 60896-21	IEC 60896-21	Length	Width	H/TH		
6 SP 200	6	200	3070	2.1	321	177	224/227	32	Female M8
12 SP 26	12	26	630	19.5	166	175	125/125	9.0	Female M6
12 SP 33	12	33	925	13.5	196	130	159/164	12.0	Female M6
12 SP 42	12	42	910	13.9	197	165	170/170	14.2	Female M6
12 SP 55	12	55	1400	8.9	229	138	207/212	18.2	Female M6
12 SP 70	12	70	2020	6.2	272	166	191/195	23.2	Female M8
12 SP 72	12	70	1530	8.5	350	166	175/175	23.2	Female M8
12 SP 80	12	80	2150	5.8	259	168	209/213	27.0	Female M8
12 SP 90	12	90	2300	5.6	305	168	207/212	31.4	Female M8
12 SP 100	12	100	2390	5.4	329	172	214/221	32.5	Female M8
12 SP 120	12	120	2510	5.0	407	173	220/225	38.0	Female M8
12 SP 135	12	135	2920	4.3	345	172	276/281	46.3	Female M8
12 SP 140	12	140	2850	4.4	500	175	235/235	46.0	Female M8
12 SP 150	12	150	3230	3.8	483	170	220/220	46.2	Female M8
12 SP 155	12	155	3390	3.7	500	175	235/235	49.7	Female M8
12 SP 170	12	170	3800	3.3	500	190	235/235	54.7	Female M8
12 SP 205	12	205	3940	3.2	500	226	235/235	66.0	Female M8
12 SP 235	12	235	4480	2.8	500	260	235/235	75.0	Female M8

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

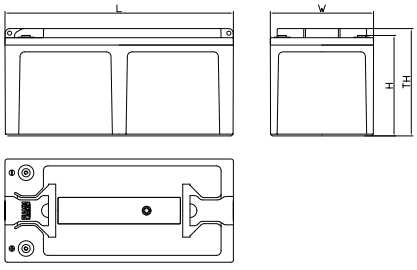
Electrical Characteristics

- FLOAT VOLTAGE CHARGE AT 20°C: Standby use 2.27~2.28V/cell
  Frequent discharge use 2.29~2.30 V/cell
- BOOST CHARGE: 2.35-2.40V/cell
- MAXIMUM CHARGE CURRENT: 0.25 C20 A (i.e.:for a 100Ah bloc maximum charge current is 25 Amps)
- FLOAT VOLTAGE TEMPERATURE COMPENSATION: -2.5 mV/°C/cell
- SELF-DISCHARGE AT 20°C: < 2% / month

Dimensions



12SP33-42-55-70-72-80-90-100-120-135-150



12SP140-155-170-205-235

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