

Applications and Key Benefits

- + 6V and 12V blocs with 25Ah to 300Ah capacity C10

Ideal for:

- IT and Telecom network operation
- Emergency lighting and Security
- Automation & Industrial backup power
- Railway, Airport & Seaport signaling
- Other applications in areas with unreliable power supply

- + Tubular positive plates
- + Outstanding cycling performance
- + Suitable for use at elevated temperature and reliable operation in difficult conditions
- + Optimized for deep discharge recovery
- + 15 years design life under float voltage condition
- + Very low maintenance:
3-year topping-up intervals on float condition
- + 100% Recyclable

Applicable Standards

- DIN 43539T5 - deep discharge
- IEC 60896 Part 11 - vented types requirements & tests

FIAMM Manufacturing

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System

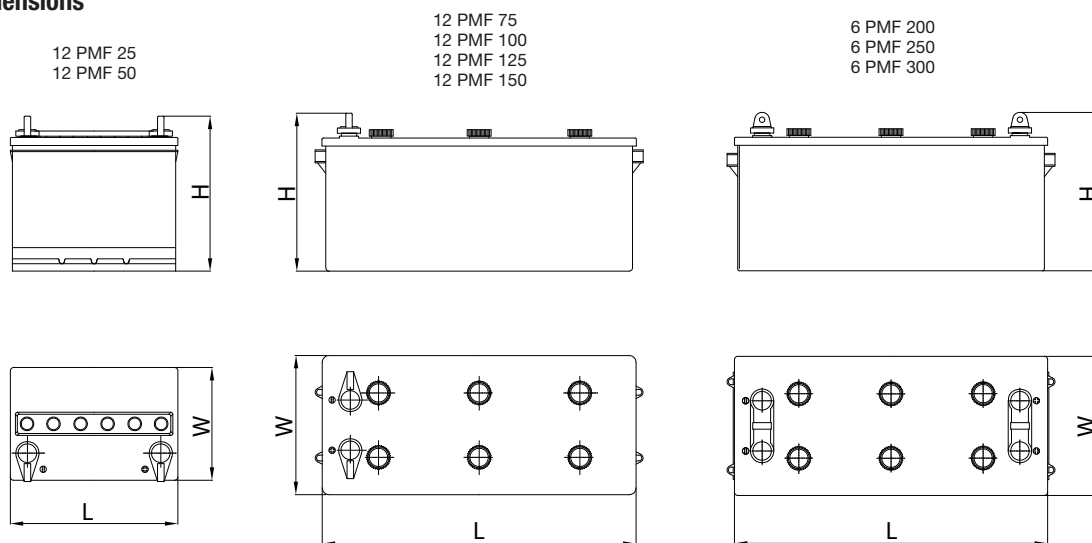
Technical Features

- Tubular positive plates with special low antimony lead alloy reduces loss of water
- Electrolyte: high purity sulphuric acid solution with 1,25 specific gravity at 20°C
- Pasted negative grid plates with lead calcium alloy, designed to have service lives consistent with the positive plates
- Separators with extremely high porosity and low internal resistance
- Container and lid in acid-resistant polypropylene, designed for unsurpassed mechanical strength
- Robust flag terminals guarantee highest conductivity and easy installation
- Vent plugs filter electrolyte from escaping gasses (on capacities 75Ah and more)
- Flame arrestors prevent sparks or flames from entering the battery (on capacities 75Ah and more)
- Rope handles facilitate handling and installation
- < 2% self-discharge per month at 20°C allows 6 months shelf life
- Less electrolyte stratification thanks to low plates
- Compact height compared to OPzS DIN blocks - ideal for installations with height restrictions



ENDURLITE**PMF****FIAMM PMF range**

TYPE	NOMINAL VOLTAGE (Volt)	NOMINAL CAPACITY (Ah) at 20°C	SHORT CIRCUIT CURRENT (A)	INTERNAL RESISTANCE (mOhm)	WEIGHT (kg)		DIMENSIONS (mm)		
		10 hrs to 1.80 VPC	IEC 60896-11	IEC 60896-11	without electrolyte	with electrolyte	Length	Width	Height
12 PMF 25	12	25	250	38.4	10.2	16.4	260	175	240
12 PMF 50	12	50	500	19.2	15.7	22.6	307	175	230
12 PMF 75	12	75	750	12.8	23.0	35.4	510	175	245
12 PMF 100	12	100	1000	9.60	29.0	43.7	510	216	245
12 PMF 125	12	125	1250	7.68	34.9	55.7	510	278	256
12 PMF 150	12	150	1500	6.40	40.4	59.7	510	278	256
6 PMF 200	6	200	2000	2.40	26.8	44.4	510	216	245
6 PMF 250	6	250	2500	1.92	31.9	55.5	510	278	256
6 PMF 300	6	300	3000	1.60	38.1	60.0	510	278	256

Dimensions**Electrical Characteristics**

- ✚ FLOAT VOLTAGE PER CELL: 2.23 V
- ✚ BOOST RECHARGE PER CELL: 2.4 V

FIAMM reserves the right to change or revise without notice any information or detail given in this publication
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