



FIAMM's **PMF** battery range can be used in standby mode for long discharge rates or for cycling applications. Its tubular positive plates with low antimony together with lead-calcium negative plates guarantee an unsurpassed cycle life and a long life even in the worst operating conditions.

FIAMM has a program of continuous improvement investing in manufacturing processes, equipment and technology. FIAMM's Standby Battery manufacture is in compliance with ISO 9001 and ISO 14001 quality assurance standards. Our continuous investment in battery technology is reflected by means of premium products that are of the highest quality and reliability.

FIAMM's **PMF** tubular vented lead acid batteries are the ideal energy source for many different standby applications.

TECHNICAL CHARACTERISTICS

- ▶ **Positive tubular plates** with low antimony alloy to reduce frequency of topping-up intervals
- ▶ **Negative plates** are of pasted grid type with lead calcium alloy
- ▶ **Electrolyte:** high purity sulphuric acid solution with a specific gravity of 1.25 at 20°C
- ▶ **Separators** are made of high quality microporous material
- ▶ **Containers** are of translucent plastic material
- ▶ **Handles:** many sizes have rope handles which facilitates ease of handling, installation and removal of the batteries

APPLICABLE STANDARDS

- ▶ IEC 896 part 1



PRODUCT PLUS

- ▶ Safe
- ▶ Reliability
- ▶ Long life
- ▶ Reduced maintenance



PMF range

394581
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TYPE	NOMINAL VOLTAGE (Volt)	NOMINAL CAPACITY in Ah at 20°C			WEIGHT without electrolyte (kg)	WEIGHT with electrolyte (kg)	DIMENSIONS (mm)		
		10 hours	3 hours	1 hour			L	W	H
12 PMF 25	12	25	20	15	7.5	14.5	260	175	240
12 PMF 50	12	50	40	30	14.5	22.5	310	178	240
12 PMF 75	12	75	60	45	20.0	32.5	510	175	245
12 PMF 100	12	100	80	60	28.0	44.0	510	216	245
12 PMF 125	12	125	100	75	34.0	53.5	510	278	256
12 PMF 150	12	150	120	90	39.5	58.0	510	278	256
6 PMF 200	6	200	160	120	26.0	42.5	510	216	245
6 PMF 250	6	250	200	150	34.0	53.0	510	278	256
6 PMF 300	6	300	240	180	40.0	58.5	510	278	256

ELECTRICAL CHARACTERISTICS

- ▶ **FLOAT VOLTAGE PER CELL:** 2.23 Volts
- ▶ **RECHARGE VOLTAGE PER CELL:** 2.4 Volts
- ▶ **SELF DISCHARGE AT 20°C:** < 2% a month at 20°C
- ▶ **MAXIMUM SHORT CIRCUIT CURRENT:** 10 x C₁₀ (Amperes)
- ▶ **INTERNAL RESISTANCE PER CELL:** 0.16/C₁₀ (Ohm)

Standby Batteries

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