

LM

FIAMM

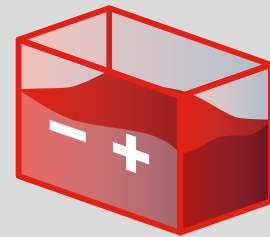
OPzS flooded cell

LONG
DESIGN
LIFE



99%
RECY
CLABLE

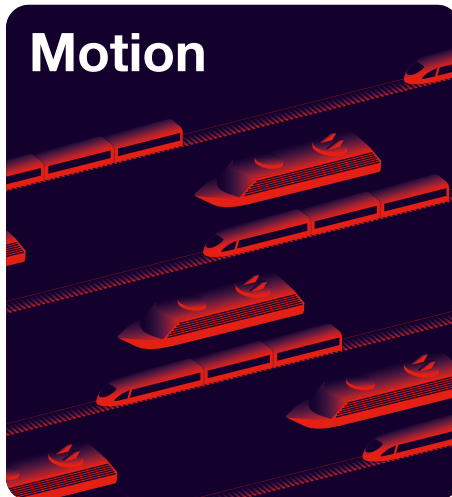
Flooded
technology



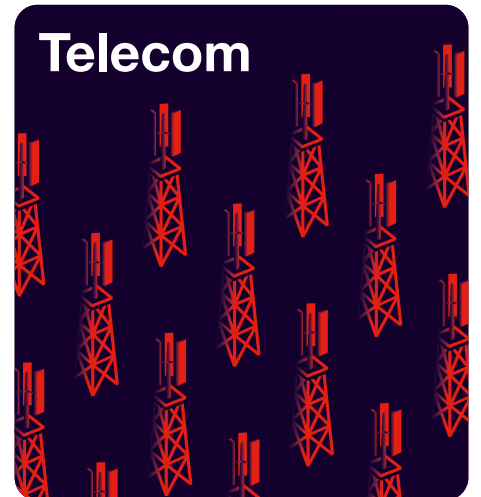
Industry



Motion



Telecom



LM

20 years design life battery; perfect for demanding applications

The LM series is an OPzS vented range designed by FIAMM to meet DIN 40736 standard. Typical applications include telecommunication, industrial UPS, utilities, industry, railways and Oil & Gas applications.

The LM series has been designed to provide users with a highly robust and are particularly suitable for applications where discharge cycles need to be one of the highest levels of reliability. As a result of this, the range capacity exceeds the specification laid down by the DIN standard. This

performance is achieved as a result of a low antimony alloy tubular die casted plate which provides very low water consumption over the life of the product. The design has been optimized to lower self-discharge during storage. All these outstanding features add up to a longer life product with lower maintenance costs. Like all FIAMM lead-acid batteries, the LM range is eco-friendly and fully recyclable at the end of life.

Battery type	Reference DIN 40736	Nominal capacity (Ah)	Nominal dimension (mm)			Electrolyte quantity (liters)	Typical weight (with electrolyte) (kg)
		10H 1.80VPC 20°C	Length	Width	Height		
LM 100	2 OPzS 100	108	103	206	420	4.2	14.1
LM 150	3 OPzS 150	162	103	206	420	3.8	15.8
LM 200	4 OPzS 200	216	103	206	420	3.6	17.4
LM 250	5 OPzS 250	270	124	206	420	4.7	21.2
LM 300	6 OPzS 300	324	145	206	420	5.4	24.8
LM 350	5 OPzS 350	390	124	206	536	6.3	28.4
LM 420	6 OPzS 420	468	145	206	536	7.2	32.7
LM 490	7 OPzS 490	546	166	206	536	8.3	37.6
LM 600	6 OPzS 600	630	145	206	711	12.2	44.9
LM 700	7 OPzS 700	735	210	191	711	15.0	58.8
LM 800	8 OPzS 800	840	210	191	711	12.9	62.2
LM 900	9 OPzS 900	945	210	233	711	22.0	71.5
LM 1000	10 OPzS 1000	1050	210	233	711	17.7	74.9
LM 1200	12 OPzS 1200	1260	210	275	711	22.1	89.2
LM 1500	12 OPzS 1500	1570	210	275	861	26.7	110
LM 1750	14 OPzS 1750	1840	212	399	837	35.5	142
LM 1875	15 OPzS 1875	1970	212	399	837	34.0	147
LM 2000	16 OPzS 2000	2100	212	399	837	38.3	151
LM 2250	18 OPzS 2250	2360	212	487	837	43.6	181
LM 2500	20 OPzS 2500	2620	212	487	837	48.4	188
LM 3000	24 OPzS 3000	3150	212	576	837	52.6	222
LM 3500	28 OPzS 3500	3500	212	576	837	55.2	241

Standards

- DIN 40736 – specification OPzS cell
- DIN 43539T5 – deep discharge
- DIN 40740 – electrolyte level indicator
- IEC 60896 Part 11 – vented types requirements & tests

Solutions & accessories

Venting
Plugs



Racks



Battery
sizing tool

