

# LM

# FIAMM

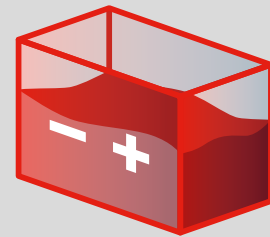
OPzS flooded cell

**LONG**  
DESIGN  
**LIFE**



**99%**  
**RECY**  
CLABLE

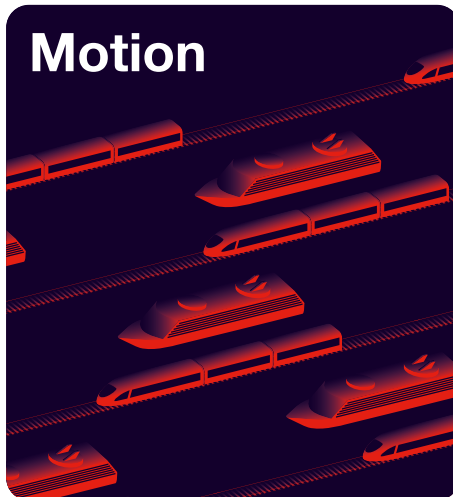
Flooded  
technology



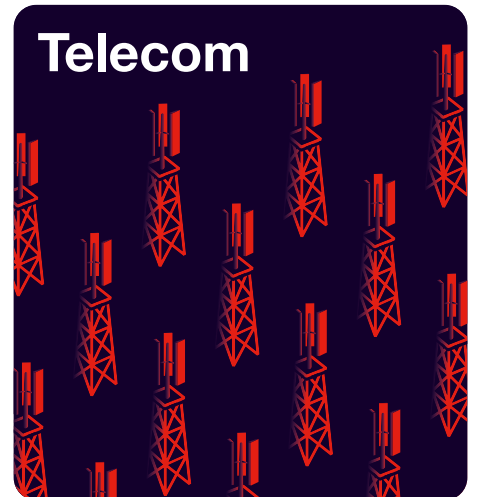
**Industry**



**Motion**



**Telecom**





## 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	Lenght	Width	Height		
<b>LM 100</b>	2 OPzS 100	108	103	206	420	4.2	14.1
<b>LM 150</b>	3 OPzS 150	162	103	206	420	3.8	15.8
<b>LM 200</b>	4 OPzS 200	216	103	206	420	3.6	17.4
<b>LM 250</b>	5 OPzS 250	270	124	206	420	4.7	21.2
<b>LM 300</b>	6 OPzS 300	324	145	206	420	5.4	24.8
<b>LM 350</b>	5 OPzS 350	390	124	206	536	6.3	28.4
<b>LM 420</b>	6 OPzS 420	468	145	206	536	7.2	32.7
<b>LM 490</b>	7 OPzS 490	546	166	206	536	8.3	37.6
<b>LM 600</b>	6 OPzS 600	630	145	206	711	12.2	44.9
<b>LM 700</b>	7 OPzS 700	735	210	191	711	15.0	58.8
<b>LM 800</b>	8 OPzS 800	840	210	191	711	12.9	62.2
<b>LM 900</b>	9 OPzS 900	945	210	233	711	22.0	71.5
<b>LM 1000</b>	10 OPzS 1000	1050	210	233	711	17.7	74.9
<b>LM 1200</b>	12 OPzS 1200	1260	210	275	711	22.1	89.2
<b>LM 1500</b>	12 OPzS 1500	1570	210	275	861	26.7	110
<b>LM 1750</b>	14 OPzS 1750	1840	212	399	837	35.5	142
<b>LM 1875</b>	15 OPzS 1875	1970	212	399	837	34.0	147
<b>LM 2000</b>	16 OPzS 2000	2100	212	399	837	38.3	151
<b>LM 2250</b>	18 OPzS 2250	2360	212	487	837	43.6	181
<b>LM 2500</b>	20 OPzS 2500	2620	212	487	837	48.4	188
<b>LM 3000</b>	24 OPzS 3000	3150	212	576	837	52.6	222
<b>LM 3500</b>	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

