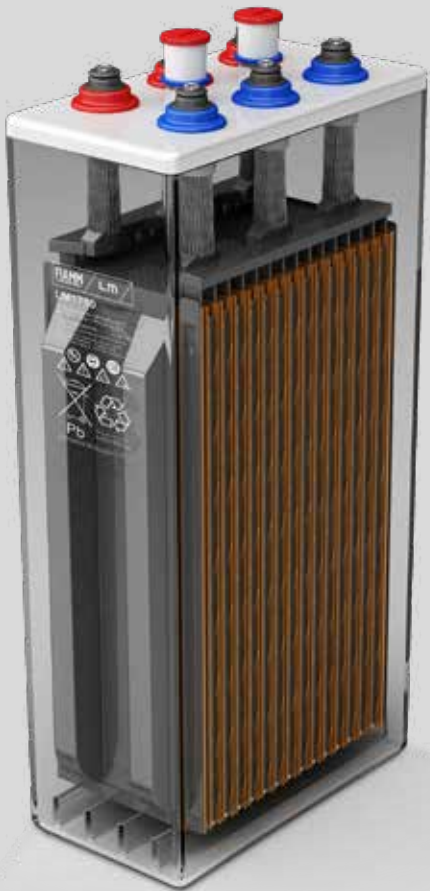


LM

FIAMM

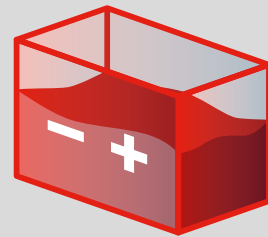
OPzS flooded cell

LONG
DESIGN
LIFE



99%
RECY
CLABLE

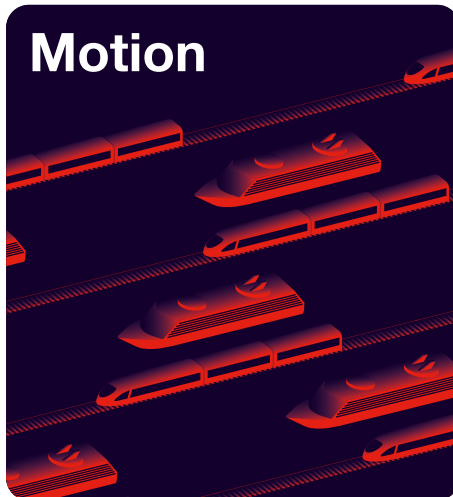
Flooded
technology



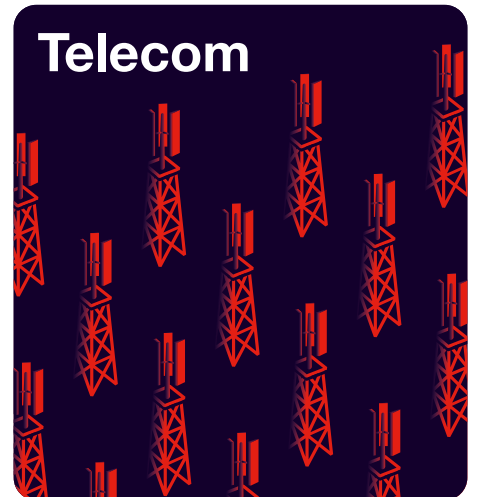
Industry



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 | | |
| 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

