LM/S

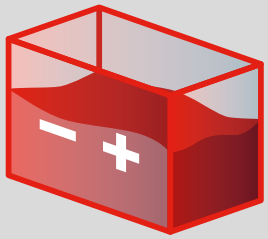
FIAMM



High cyclic flooded cell

HIGH CYCLIC BATTERIES

Flooded technology



99% RECYCLABLE

Renewable

LM/S

A very long-life flooded battery, perfect for energy storage applications

The LM/S battery series is a vented range designed by FIAMM to meet the needs of stored energy in renewable applications. The range has been designed to provide users with a highly robust product. LM/S series has been developed for applications where discharge cycles need to be of the highest levels of reliability based on an OPzS design.
The high performance of this range is the result of a tubular low antimony die casted plate which provides very low water consumption over the life of the product. Under normal float operating conditions, topping-up is required every three years. The design has also 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/S range is eco-friendly and fully recyclable at the end of life.

Battery type	Nominal capacity (Ah)	Nominal dimension (mm)			Electrolyte quantity (liters)	Typical weight (with electrolyte) (kg)
	120H 1.85VPC 20°C	Length	Width	Height		
LM/S 150	150	103	206	420	4.4	14.3
LM/S 220	220	103	206	420	4.0	16.0
LM/S 290	290	103	206	420	3.8	17.7
LM/S 360	360	124	206	420	5.0	21.5
LM/S 435	435	145	206	420	5.7	25.2
LM/S 510	510	124	206	536	6.6	28.8
LM/S 610	610	145	206	536	7.5	33.2
LM/S 710	710	166	206	536	8.7	38.2
LM/S 870	870	145	206	711	12.8	45.5
LM/S 1020	1020	210	191	711	15.7	59.7
LM/S 1160	1160	210	191	711	13.5	63.1
LM/S 1310	1310	210	233	711	23.1	72.6
LM/S 1450	1450	210	233	711	18.5	76.0
LM/S 1740	1740	210	275	711	23.2	90.5
LM/S 2200	2200	210	275	861	27.7	111
LM/S 2550	2550	214	399	837	36.5	144
LM/S 2750	2750	214	399	837	35	149
LM/S 2900	2900	214	399	837	40.2	153
LM/S 3260	3260	212	487	837	45.8	184
LM/S 3625	3625	212	487	837	42.4	190
LM/S 4300	4300	212	576	837	55.3	225
LM/S 5000	5000	212	576	837	58	245

Standards
IEC 61427 - photovoltaic energy systems
DIN 40736 - specification OPzS cells
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

