

# MOG RANGE

## Advantages

- ✓ Long life with maximum reliability
- ✓ Maximum charging efficiency
- ✓ Stable float charge characteristics
- ✓ Good deep discharge capability
- ✓ Excellent high-rate performance
- ✓ Minimal positive growth
- ✓ Extended topping-up intervals

## Main Applications

- ✓ Telecommunications
- ✓ Power plants
- ✓ Substations
- ✓ Emergency power
- ✓ UPS units

## Standard Ref.

- ✓ EN 60896-11
- ✓ EN 50272-2



# MOG BLOCK

Type	CAPACITY (Ah)* to 1,75Vpc SG 1.240 @25°C					1 Min Discharge Rate to 1,65 Vpc AMPS	Ri mOhm	Isc kA	DIMENSIONS (mm)			Weight		Electrolyte		No. of Terminals
	10 Min	3 Hrs	8 Hrs	10 Hrs	24 Hrs				W	L	H	With Acid kg	Empty kg	Weight kg	Volume Litres	
<b>MOG Block 12V 1/50</b>	12	41	52	55	68	149	14,75	0,83	272	205	385	41,3	31,8	9	7,6	2
<b>MOG Block 12V 2/100</b>	23	82	103	109	133	295	11,56	1,05	380	205	385	61,6	45,7	16	12,8	2
<b>MOG Block 6V 3/150</b>	35	123	154	164	200	442	3,16	1,92	272	205	385	43,4	31,4	12	9,7	2
<b>MOG Block 6V 4/200</b>	46	164	206	219	264	589	2,37	2,56	380	205	385	58,0	40,5	18	14,1	2
<b>MOG Block 6V 5/250</b>	58	196	254	270	339	669	1,90	3,20	380	205	385	62,5	46,7	16	12,8	2
<b>MOG Block 6V 6/300</b>	64	227	285	302	374	815	1,59	3,84	380	205	385	68,5	53,5	15	12,1	2

\* accepted tolerance of ± 5%

## Battery Specifications

- ✓ Positive plates
- ✓ Negative plates
- ✓ Separators
- ✓ Cell container
- ✓ Cell lid
- ✓ Electrolyte
- ✓ Electrolyte reserve
- ✓ Terminal posts
- ✓ Posts sealing
- ✓ Vent caps
- ✓ Plate suspension
- ✓ Inter-cell connectors

Flat pasted plate t. 6.4 mm, with lead selenium grid alloy (cage design)  
 Flat pasted plate t. 4.9 mm, with lead selenium grid alloy (cage design)  
 Microporous plastic separators with fiberglass mat  
 High-strength transparent SAN  
 Opaque gray SAN (option: available in Flame Retardant ABS UL94 V0)  
 Dilute solution of sulphuric acid SG1.240 ±0.01 at 25°C  
 Maximum availability over the plates  
 d24 with M10 threaded insert  
 Sealing bush on HQ post finishing  
 Flame arrestor ceramic vent fully tested in compliance with UL standard  
 Bottom supported with sediment space  
 Fully insulated copper bar

# MOG CELLS

Type	CAPACITY (Ah)* to 1,75Vpc SG 1.240 @25°C					1 Min Discharge Rate to 1,65 Vpc AMPS	Ri mOhm	Isc kA	DIMENSIONS (mm)			Weight		Electrolyte		No. of Terminals
	10 Min	3 Hrs	8 Hrs	10 Hrs	24 Hrs				W	L	H	With Acid kg	Empty kg	Weight kg	Volume Litres	
<b>2 MOG100</b>	23	86	115	124	159	281	1,26	1,60	103	206	410	14,6	9,7	5	4,0	2
<b>3 MOG150</b>	35	118	154	163	205	405	0,86	2,30	103	206	410	16,6	12,1	5	3,6	2
<b>4 MOG200</b>	47	158	205	218	274	541	0,66	3,00	124	206	410	20,4	14,5	6	4,7	2
<b>5 MOG250</b>	58	196	254	270	339	669	0,54	3,70	124	206	410	22,1	16,9	5	4,2	2
<b>6 MOG300</b>	70	235	305	323	406	803	0,46	4,40	145	206	410	26,0	19,4	7	5,3	2
<b>7 MOG350</b>	82	276	359	381	479	946	0,40	5,10	187	206	410	31,8	22,7	9	7,3	2
<b>8 MOG400</b>	94	316	410	436	547	1081	0,35	5,80	187	206	410	33,2	24,7	9	6,9	2
<b>9 MOG450</b>	102	345	448	475	597	1180	0,32	6,50	187	206	410	35,0	26,8	8	6,6	2
<b>5 MOG500</b>	82	408	515	545	637	813	0,53	3,80	145	206	726	45,5	32,0	13	10,9	2
<b>6 MOG600</b>	96	477	602	636	744	950	0,43	4,75	145	206	726	49,4	36,3	13	10,6	2
<b>7 MOG700</b>	112	557	702	744	868	1109	0,36	5,69	191	210	726	62,3	45,7	17	13,4	4
<b>8 MOG800</b>	128	636	802	849	992	1267	0,31	6,62	191	210	726	66,1	50,0	16	13,0	4
<b>9 MOG900</b>	144	716	903	955	1116	1426	0,27	7,56	233	210	726	76,7	55,9	21	16,8	4
<b>10 MOG1000</b>	160	795	1003	1061	1240	1584	0,24	8,50	233	210	726	80,8	60,2	21	16,6	4
<b>11 MOG1100</b>	175	875	1103	1169	1364	1742	0,21	9,43	275	210	726	91,5	66,1	25	20,5	4
<b>12 MOG1200</b>	191	954	1204	1273	1488	1901	0,19	10,37	275	210	726	95,4	70,4	25	20,2	4
<b>13 MOG1300</b>	203	1013	1278	1351	1580	2018	0,18	11,30	275	210	726	99,2	74,7	25	19,8	4
<b>14 MOG1400</b>	219	1091	1376	1455	1701	2173	0,16	12,24	275	210	726	103,2	79,0	24	19,6	4

Special models up to 2000Ah available on demand.

\* accepted tolerance of  $\pm 5\%$

## Cell Specifications

- ✓ Positive plates
- ✓ Negative plates
- ✓ Separators
- ✓ Cell container
- ✓ Cell lid
- ✓ Electrolyte
- ✓ Electrolyte reserve
- ✓ Terminal posts
- ✓ Posts sealing
- ✓ Vent caps
- ✓ Plate suspension
- ✓ Inter-cell connectors

Flat pasted plate t. 6.4 mm, with lead selenium grid alloy (cage design)  
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 High-strength transparent SAN  
 Opaque gray ABS (option: available in Flame Retardant ABS UL94 V0)  
 Dilute solution of sulphuric acid SG1.240  $\pm 0.01$  at 25°C  
 Maximum availability over the plates  
 Robust design with lead-plated copper insert  
 Double sealing on HQ post finishing  
 Flame arrestor ceramic vent fully tested in compliance with UL standard  
 Bottom supported with sediment space  
 Copper bar + cover

## Inter-Cell Connections

