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# MOG

## Vented Lead-Acid STANDBY POWER BATTERIES

**CATALOGUE**

# MOG RANGE

## ADVANTAGES

- √ 15+ years Design Life
- √ Good deep discharge capability
- √ Excellent high-rate performance
- √ Maximum charging efficiency
- √ Stable float charge characteristics
- √ 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	Nominal Voltage	Actual Capacity	Ri	Isc	Dimensions (mm)			Weight		Electrolyte		No. of Terminals
	V	Ah/8Hrs	mOhm	kA	Length	Width	Overall Height	Wet Kg	Dry Kg	Weight Kg	Volume Litres	
<b>MOG Block 12V 1/50</b>	12	<b>52</b>	14,75	0,83	<b>272</b>	<b>205</b>	<b>385</b>	<b>41,3</b>	<b>31,8</b>	9	7,6	<b>2</b>
<b>MOG Block 12V 2/100</b>	12	<b>103</b>	11,56	1,05	<b>380</b>	<b>205</b>	<b>385</b>	<b>61,6</b>	<b>45,7</b>	16	12,8	<b>2</b>
<b>MOG Block 6V 3/150</b>	6	<b>154</b>	3,16	1,92	<b>272</b>	<b>205</b>	<b>385</b>	<b>43,4</b>	<b>31,4</b>	12	9,7	<b>2</b>
<b>MOG Block 6V 4/200</b>	6	<b>206</b>	2,37	2,56	<b>380</b>	<b>205</b>	<b>385</b>	<b>58,0</b>	<b>40,5</b>	18	14,1	<b>2</b>
<b>MOG Block 6V 5/250</b>	6	<b>254</b>	1,90	3,20	<b>380</b>	<b>205</b>	<b>385</b>	<b>62,5</b>	<b>46,7</b>	16	12,8	<b>2</b>
<b>MOG Block 6V 6/300</b>	6	<b>285</b>	1,59	3,84	<b>380</b>	<b>205</b>	<b>385</b>	<b>68,5</b>	<b>53,5</b>	15	12,1	<b>2</b>

## SPECIFICATION

- |                         |   |
|-------------------------|---|
| √ Positive plates       | Thick flat pasted plate with lead selenium grid alloy (cage design)             |
| √ Negative plates       | Thick flat pasted plate with lead selenium grid alloy (cage design)             |
| √ Separators            | Microporous plastic separators with fiberglass mat                              |
| √ Container             | High-strength transparent SAN (option: available in Flame Retardant PC UL94 V0) |
| √ Lid                   | Opaque gray SAN (option: available in Flame Retardant ABS UL94 V0)              |
| √ Electrolyte           | Dilute solution of sulphuric acid SG1 .240 ±0.01 at 25°C                        |
| √ Electrolyte reserve   | Maximum availability over the plates  |
| √ Terminal Posts        | d24 with M10 threaded insert  |
| √ Posts sealing         | Sealing bush on HQ post finishing   |
| √ Vent caps             | Flame arrestor ceramic vent fully tested in compliance with UL standard         |
| √ Plates suspension     | Bottom supported with sediment space  |
| √ Inter-cell connectors | Fully insulated copper bar  |
| √ Inter-cell connectors | Fully insulated flexible connector  |
| √ Terminal hardware     | Fully insulated steel   |

Type	Nominal Voltage	Actual Capacity	Ri	Isc	Dimensions (mm)			Weight		Electrolyte		No. of Terminals
	V	Ah/8Hrs	mOhm	kA	Length	Width	Overall Height	Wet Kg	Dry Kg	Weight Kg	Volume Litres	
<b>2 MOG 100</b>	2	<b>115</b>	1,26	1,60	<b>103</b>	<b>206</b>	<b>410</b>	<b>14,6</b>	<b>9,7</b>	5	4,0	<b>2</b>
<b>3 MOG 150</b>	2	<b>154</b>	0,86	2,30	<b>103</b>	<b>206</b>	<b>410</b>	<b>16,6</b>	<b>11,9</b>	5	3,8	<b>2</b>
<b>4 MOG 200</b>	2	<b>206</b>	0,66	3,00	<b>124</b>	<b>206</b>	<b>410</b>	<b>20,4</b>	<b>14,5</b>	6	4,7	<b>2</b>
<b>5 MOG 250</b>	2	<b>254</b>	0,54	3,70	<b>124</b>	<b>206</b>	<b>410</b>	<b>22,1</b>	<b>16,7</b>	5	4,3	<b>2</b>
<b>6 MOG 300</b>	2	<b>305</b>	0,46	4,40	<b>145</b>	<b>206</b>	<b>410</b>	<b>26,0</b>	<b>19,4</b>	7	5,3	<b>2</b>
<b>7 MOG 350</b>	2	<b>359</b>	0,40	5,10	<b>187</b>	<b>206</b>	<b>410</b>	<b>31,8</b>	<b>22,3</b>	9	7,7	<b>2</b>
<b>8 MOG 400</b>	2	<b>410</b>	0,35	5,80	<b>187</b>	<b>206</b>	<b>410</b>	<b>33,2</b>	<b>24,5</b>	9	7,0	<b>2</b>
<b>9 MOG 450</b>	2	<b>448</b>	0,32	6,50	<b>187</b>	<b>206</b>	<b>410</b>	<b>35,0</b>	<b>26,8</b>	8	6,6	<b>2</b>
<b>5 MOG 500</b>	2	<b>515</b>	0,53	3,80	<b>145</b>	<b>206</b>	<b>726</b>	<b>45,5</b>	<b>32,0</b>	13	10,9	<b>2</b>
<b>6 MOG 600</b>	2	<b>602</b>	0,43	4,75	<b>145</b>	<b>206</b>	<b>726</b>	<b>49,4</b>	<b>36,3</b>	13	10,6	<b>2</b>
<b>7 MOG 700</b>	2	<b>702</b>	0,36	5,69	<b>191</b>	<b>210</b>	<b>726</b>	<b>62,3</b>	<b>45,7</b>	17	13,4	<b>4</b>
<b>8 MOG 800</b>	2	<b>800</b>	0,31	6,62	<b>191</b>	<b>210</b>	<b>726</b>	<b>66,1</b>	<b>50,0</b>	16	13,0	<b>4</b>
<b>9 MOG 900</b>	2	<b>896</b>	0,27	7,56	<b>233</b>	<b>210</b>	<b>726</b>	<b>76,7</b>	<b>55,9</b>	21	16,8	<b>4</b>
<b>10 MOG 1000</b>	2	<b>1000</b>	0,24	8,50	<b>233</b>	<b>210</b>	<b>726</b>	<b>80,8</b>	<b>60,2</b>	21	16,6	<b>4</b>
<b>11 MOG 1100</b>	2	<b>1096</b>	0,21	9,43	<b>275</b>	<b>210</b>	<b>726</b>	<b>91,5</b>	<b>66,1</b>	25	20,5	<b>4</b>
<b>12 MOG 1200</b>	2	<b>1200</b>	0,19	10,37	<b>275</b>	<b>210</b>	<b>726</b>	<b>95,4</b>	<b>70,4</b>	25	20,2	<b>4</b>
<b>13 MOG 1300</b>	2	<b>1272</b>	0,18	11,30	<b>275</b>	<b>210</b>	<b>726</b>	<b>99,2</b>	<b>74,7</b>	25	19,8	<b>4</b>
<b>14 MOG 1400</b>	2	<b>1376</b>	0,16	12,24	<b>275</b>	<b>210</b>	<b>726</b>	<b>103,2</b>	<b>79,0</b>	24	19,6	<b>4</b>
<b>15 MOG 1500</b>	2	<b>1504</b>	0,15	13,18	<b>368</b>	<b>218</b>	<b>702</b>	<b>120,0</b>	<b>88,0</b>	32	25,8	<b>6</b>
<b>16 MOG 1600</b>	2	<b>1600</b>	0,14	14,11	<b>368</b>	<b>218</b>	<b>702</b>	<b>123,9</b>	<b>92,3</b>	32	25,5	<b>6</b>
<b>17 MOG 1700</b>	2	<b>1664</b>	0,13	15,05	<b>368</b>	<b>218</b>	<b>702</b>	<b>127,8</b>	<b>96,6</b>	31	25,2	<b>6</b>
<b>18 MOG 1800</b>	2	<b>1800</b>	0,12	15,98	<b>449</b>	<b>218</b>	<b>702</b>	<b>144,9</b>	<b>103,9</b>	41	33,1	<b>6</b>
<b>19 MOG 1900</b>	2	<b>1904</b>	0,11	16,92	<b>449</b>	<b>218</b>	<b>702</b>	<b>148,6</b>	<b>108,2</b>	40	32,5	<b>6</b>
<b>20 MOG 2000</b>	2	<b>2000</b>	0,11	17,86	<b>449</b>	<b>218</b>	<b>702</b>	<b>152,5</b>	<b>112,5</b>	40	32,2	<b>6</b>

### SPECIFICATION

✓ Positive plates	Thick flat pasted plate with lead selenium grid alloy (cage design)
✓ Negative plates	Thick flat pasted plate with lead selenium grid alloy (cage design)
✓ Separators	Microporous plastic separators with fiberglass mat
✓ Container	High-strength transparent SAN (option: available in Flame Retardant PC UL94 V0)
✓ Lid	Opaque gray ABS (option: available in Flame Retardant ABS UL94 V0)
✓ Electrolyte	Dilute solution of sulphuric acid SG1 .240 ±0.01 at 25°C
✓ Electrolyte reserve	Maximum availability over the plates
✓ Terminal Posts	Robust design d.30 mm with lead-plated copper insert
✓ Posts sealing	Double sealing on HQ post finishing
✓ Vent caps	Flame arrestor ceramic vent fully tested in compliance with UL standard
✓ Plates suspension	Bottom supported with sediment space
✓ Inter-cell connectors	Plated copper bar + cover
✓ Terminal hardware	Stainless steel



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#### **MIDAC SPA HEADQUARTER, SOAVE, VERONA, ITALY**

Unica realtà a produrre batterie avviamento, trazione e stazionarie in un singolo stabilimento produttivo, in vent'anni è diventata una delle aziende leader in Europa con prodotti distribuiti in tutto il mondo.

*The only company that produces Automotive, Motive power and Stationary batteries in the same manufacturing plant, in less than twenty years it has become one of the leading companies in Europe and its products are sold worldwide.*

MIDAC'S MANAGEMENT SYSTEM IS CERTIFIED ACCORDING TO  
ISO 9001:2008, ISO/TS 16949:2009, ISO 14001:2004, BS OHSAS 18001:2007, SA 8000:2008

