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MHP

Valve Regulated Lead-Acid STANDBY POWER BATTERIES

CATALOGUE



ADVANTAGES

- ✓ EUROBAT 12+ years Design Life
- ✓ 99%+ gas recombination efficiency
- ✓ High-rate performance
- ✓ Low self-discharge rate
- ✓ Maximum charging efficiency
- ✓ 400+ cycles 80% DoD
- ✓ Easy handling
- ✓ Easy installation vertical or horizontal

MAIN APPLICATIONS

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

STANDARD REF.

- ✓ EUROBAT GUIDE
- ✓ EN 60896-21
- ✓ EN 60896-22
- ✓ BS6290-4 1999
- ✓ EN 50272-2

SPECIFICATION

- | | |
|-------------------------|--|
| ✓ Positive plates | Thick flat pasted plate with lead-tin-calcium grid alloy |
| ✓ Negative plates | Flat pasted plate with lead-calcium grid alloy |
| ✓ Separators | Microporous AGM separator |
| ✓ Container | High-strength ABS (option: available in Flame Retardant UL94 V0 version) |
| ✓ Lid | High-strength ABS (option: available in Flame Retardant UL94 V0 version) |
| ✓ Electrolyte | Absorbed sulfuric acid |
| ✓ Terminal Posts | High-conductivity terminals with threaded inserts |
| ✓ Posts sealing | Double sealing on HQ post finishing |
| ✓ Vents | High-efficiency low pressure venting system |
| ✓ Plates suspension | Bottom supported |
| ✓ Inter-cell connectors | Plated copper bar + Cover |
| ✓ Terminal hardware | Stainless steel + Cover |

Type	Nominal Voltage	Actual Capacity	Ri	Isc	Dimensions (mm)			Weight	No. of Terminals
	V				Ah/10Hrs	mOhm	kA		
MHP 12-25	12	24	19,207	0,653	166,0	175,0	125,0	8,0	(2x) D10 M5
MHP 12-30	12	30	11,348	1,119	195,0	130,0	163,0	10,5	(2x) D12 M6
MHP 12-50	12	50	8,511	1,492	228,0	138,0	213,0	17,2	(2x) D16 M6
MHP 12-75	12	74	8,047	1,563	350,0	167,0	179,0	23,2	(2x) D16 M6
MHP 6-105	6	105	2,536	2,462	195,0	206,0	240,0	22,4	(2x) D18 M8
MHP 6-125	6	125	2,250	2,765	278,0	178,0	258,0	25,5	(2x) D18 M8
MHP 6-160	6	160	1,730	3,580	278,0	178,0	258,0	30,6	(2x) D18 M8
MHP 6-200	6	200	1,841	3,421	250,5	125,5	365,0	33,7	(2x) D18 M8
MHP 2-200	2	200	0,506	4,068	110,0	208,0	260,0	13,5	(2x) D18 M8
MHP 2-300	2	300	0,323	6,376	142,0	205,0	260,0	18,6	(2x) D18 M8
MHP 2-400	2	400	0,306	6,785	208,0	195,0	258,0	25,6	(4x) D18 M8
MHP 2-515	2	515	0,206	9,987	203,0	296,0	240,0	34,7	(4x) D18 M8
MHP 2-600	2	600	0,232	8,932	175,0	252,0	357,5	36,0	(4x) D20 M8
MHP 2-800	2	800	0,235	8,740	173,0	350,0	347,0	49,0	(4x) D20 M8
MHP 2-1000	2	1000	0,179	11,471	173,0	430,0	347,0	59,5	(4x) D20 M8
MHP 2-1200	2	1200	0,176	11,693	175,0	510,0	347,0	71,5	(8x) D18 M8
MHP 2-1500	2	1500	0,172	11,868	318,0	341,0	351,0	86,5	(8x) D18 M8

DISCHARGE CURRENT (A) to 1.80 Vpc at 20°C

Type	Minutes						Hours														
	1	5	10	15	20	30	1	2	3	5	6	8	10	12	20	24	48	72	100	120	240
MHP 12-25	129,5	72,1	52,3	39,6	30,9	23,7	13,8	8,5	6,3	4,2	3,8	3,1	2,4	2,01	1,29	1,01	0,52	/	/	/	/
MHP 12-30	164,4	77,2	64,0	55,0	47,0	32,9	18,4	11,8	7,2	5,5	4,8	3,9	3,0	2,56	1,64	1,28	0,66	/	/	/	/
MHP 12-50	214,9	145,2	129,5	100,9	78,5	57,5	32,2	19,1	14,2	8,9	8,0	6,5	4,9	4,26	2,64	2,13	1,10	/	/	/	/
MHP 12-75	284,6	188,6	146,0	120,0	98,5	75,3	45,7	28,1	20,3	13,4	11,6	9,4	7,4	6,20	3,95	3,09	1,60	/	/	/	/
MHP 6-105	376,0	222,0	192,0	166,2	138,4	106,4	64,5	42,0	26,6	17,1	15,3	12,4	10,5	8,72	5,51	4,68	2,41	1,63	1,22	1,04	0,54
MHP 6-125	456,0	234,4	196,1	168,0	148,4	120,3	78,1	46,3	33,6	21,6	18,8	15,0	12,5	10,83	6,56	5,57	2,86	1,94	1,45	1,23	0,65
MHP 6-160	574,4	332,0	277,5	235,6	200,7	163,1	95,3	64,3	41,2	27,6	24,0	19,2	16,0	13,87	8,40	7,13	3,67	2,49	1,86	1,57	0,83
MHP 6-200	657,0	485,0	383,2	316,2	273,9	213,3	134,5	74,0	51,9	36,7	32,0	24,5	20,0	17,33	10,50	8,92	4,58	3,11	2,32	1,97	1,03
MHP 2-200	395,0	348,0	298,0	257,0	226,0	182,0	115,0	72,2	52,5	35,0	30,3	24,4	20,0	16,80	10,40	8,61	4,61	3,28	2,31	1,97	1,03
MHP 2-300	593,0	522,0	446,0	386,0	339,0	273,0	173,0	108,0	78,8	52,5	45,4	36,6	30,0	25,30	15,60	12,90	6,91	4,92	3,46	2,96	1,54
MHP 2-400	791,0	696,0	595,0	514,0	452,0	364,0	230,0	144,0	105,0	70,0	60,5	48,8	40,0	33,70	20,80	17,20	9,22	6,56	4,61	3,94	2,05
MHP 2-515	1018,0	896,0	766,0	662,0	582,0	469,0	297,0	186,0	135,0	90,2	77,9	62,9	51,5	43,40	26,80	22,20	11,90	8,45	5,94	5,07	2,64
MHP 2-600	984,0	803,0	697,0	612,0	547,0	455,0	314,0	201,0	150,0	102,0	89,0	71,1	60,0	50,30	31,50	25,80	13,70	9,29	6,85	5,85	3,05
MHP 2-800	1312,0	1071,0	930,0	816,0	729,0	607,0	419,0	268,0	200,0	136,0	119,0	94,9	80,0	67,10	42,00	34,40	18,30	12,40	9,13	7,80	4,06
MHP 2-1000	1640,0	1339,0	1162,0	1020,0	912,0	759,0	524,0	334,0	250,0	170,0	148,0	119,0	100,0	83,90	52,50	43,00	22,90	15,50	11,40	9,76	5,08
MHP 2-1200	1969,0	1606,0	1395,0	1224,0	1094,0	910,0	629,0	401,0	300,0	204,0	178,0	142,0	120,0	101,00	63,00	51,50	27,50	18,60	13,70	11,70	6,09
MHP 2-1500	2461,0	2008,0	1744,0	1530,0	1368,0	1138,0	786,0	502,0	375,0	255,0	222,0	178,0	150,0	126,00	78,70	64,40	34,40	23,20	17,10	14,60	7,61



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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.

QUALITY AND FLEXIBILITY

MIDAC is very committed in providing the market with a wide range of products, ensuring premium quality and maximum flexibility to satisfy any requirement, also engineering customized solutions.

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

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