



20**23/24**

BK

Batterie Moto
Motorcycle Batteries
Motorrad Batterien
Batteries Moto
Baterías Moto
Baterias Moto
Μπαταρία Μοτοσικλέτας
Akumulatory Motocyklowe
Акумуляторы для мотоциклов

LITHIUM





BK MAINTENANCE FREE - AGM TECHNOLOGY



BK



BK MMX



FACTORY ACTIVATED BATTERY



BATTERY CHARGER AND MAINTAINER



DIAGNOSTIC TOOL



BMS
SYSTEM

Extra performance lithium battery

LiFePo4
TECHNOLOGY

BK



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Legenda
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Costruttore e modello
 Make and model
 Hersteller und Modell
 Constructeur et modèle
 Constructor y modelo
 Montadora e modelo
 Μάρκα και οντέλο
 Producent i model
 Сделано и смоделировано



Batterie Moto
 Motorcycle Batteries
 Motorrad Batterien
 Batteries Moto
 Baterías moto
 Baterias Moto
 Μοτοσικλέτας
 Akumulatory motocyklowe
 Акумуляторы для мотоциклов



PARTS & SERVICES

Codici Magneti Marelli
 Magneti Marelli references
 Magneti Marelli Nr.
 Références Magneti Marelli
 Códigos Magneti Marelli
 Códigos Magneti Marelli
 Κωδικοί Magneti Marelli
 Kody Magneti Marelli
 Коды Марелли



Anno di produzione
 Manufacturing year
 Baujahr
 Date de fabrication
 Año de fabricación
 Ano de fabricação
 Έτος παραγωγής
 Rok produkcji
 Годизготовления

Terminali – Terminals – Poltypen – Bornes – Polos – Pooltypes – Πόλο – Zaciski – Зажимы

	MOB3L-A MOB9-B MOB9-B/SM MOB9L-B MOB12AL-A	MOB12AL-A/SM 6N6-3B MOB12A-A 6N11-A3-A MOB10L-B MOB10L-B/SM	
	MO60N30L-AHD/SM 12N20AH-BS MO60N35LA-HD		
	MOT7B-BS MOT9B-BS MOT12B-BS MOT14B-BS		
	MOB16AL-A2		
	MOTX12-BS MOB4L-B MOB4L-B/SM MOTX5L-BS MOTX14-BS MOB16CL-B MOB5L-B	MOB5L-B/SM MOTZ7S-BS MOTX7A-BS MOTX20L-BS MOTX4L-BS MOTX9-BS MOB30CL-B	MOTX14L-BS MOTX16-BS MOTX20CH-BS
	MOB7L-B2 MOB7L-B2/SM MOIX30L-BS		
	MOB14A-2 MOB14L-A2 MOB14L-A2/SM MOB14L-B2		
	MOTR9-BS MOT12A-BS MOTZ12S-BS MOTZ10S-BS MOTZ14S-BS		

Lettura codice
 Reading reference
 Aufbau Nr.
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 Правила кодификации

EXAMPLES / ESEMPIO

6	N	2	A	-	2	A	-	8
12	N	12	d	-	4	A	-	1
a	b	c			e	f		g

M	50	-	N	18	L	-	A
h	j		b	i	e		f

MB	16	A	L	-	A	2
h	i	d	e		f	g

KEYS / LEGENDA

- a - nominal charge / carica nominale
- b - symbol of Nippon (Japan) / simbolo giapponese
- c - battery capacity at 10 hour rate / capacità della batteria a 10 Ah ora
- d - indication of different size of the same capacity batteries /distingue batterie con misure diverse, ma stessa capacità
- e - polarity location (see fig. 1) / polarità (v. fig. 1)
- f - location of opening for exhaust (see fig. 2) / posizione dello sfiato (v. fig. 2)
- g - type of terminal / tipo di poli
- h - symbol of Magneti Marelli / simbolo Magneti Marelli
- i - battery capacity / capacità della batteria
- j - cranking or starting power / spunto o potere di avviamento

“e”- polarity location / “e”- posizione del polo
 (L - indicates positive terminal is located at right side)
 (L - indica che il polo positivo è a destra)



“f”-location of opening for exhaust / “f”- posizione dello sfiato



I

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MAGNET MARELLI PARTS & SERVICES		C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Dry Weight Approx Kg	Acid Volume (Liter)	Regular Charge Current (Amp)	Maximum dimensions		
								L	W	H
6N2-2ASM		/	2	6	0.4	0.1	0.2	70	47	96
6N4-2ASM		/	4	6	0.6	0.2	0.4	71	71	96
MOB3L-ASM		32	3	12	1.2	0.24	0.3	98	56	110
MOB3L-BSM		32	3	12	1.2	0.24	0.3	98	56	110
MOB4L-BSM		56	4	12	1.3	0.3	0.4	120	70	92
MOB5L-BSM		65	5	12	1.6	0.4	0.5	120	60	130
MOB6L-BSM		55	6.5	12	1.8	0.4	0.7	138	73	107
MOB7-ASM		124	8	12	2.3	0.6	0.7	135	75	133
MOB7L-B2SM		124	8	12	2.3	0.6	0.7	146	60	130
MOB7C-ASM		124	8	12	2.3	0.5	0.8	130	90	114
MOB9-BSM		130	9	12	2.4	0.6	0.9	135	75	139
MOB9L-BSM		130	9	12	2.4	0.6	0.9	135	75	139
MOB9L-A2SM		130	9	12	2.4	0.6	0.9	135	75	139
MOB10L-BSM		160	11	12	3.2	0.7	1.1	135	90	145
MOB10L-A2SM		160	11	12	3.2	0.7	1.1	135	75	139
MOB10L-B2SM		160	11	12	3.2	0.7	1.1	135	90	145
MOB12A-ASM		165	12	12	3.2	0.7	1.1	134	80	80
MOB12A-BSM		165	12	12	3.2	0.7	1.2	134	80	160
MOB12AL-ASM		165	12	12	3.2	0.7	1.1	134	80	80
MOB14-A2SM		190	14	12	3.6	0.8	1.4	134	89	166
MOB14-B2/SM		190	14	12	3.6	0.8	1.4	134	89	166
MOB14L-A2SM		190	14	12	3.6	0.9	1.4	134	89	166
MOB14L-B2SM		190	14	12	3.6	0.8	1.4	134	89	166

MAGNETI MARELLI PARTS & SERVICES		C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Dry Weight Approx Kg	Acid Volume (Liter)	Regular Charge Current (Amp)	Maximum dimensions		
								L	W	H
MOB16A-ASM		150	16	12	3.8	1.1	1.6	151	91	180
MOB16AL-A2SM		200	16	12	4.6	1.0	1.6	207	71.5	164
MOB16CL-BSM		240	19	12	4.7	1.25	1.9	175	100	175
12N20AHSM		275	20	12	4.6	0.96	1.6	186	81	170
MOB30CL-BSM		300	30	12	9	1.63	3.0	168	132	192
MOB30L-BSM		300	30	12	6.4	1.63	3.0	168	132	176
MO60N24L-ASM		300	28	12	6.5	1.7	2.8	184	124	170
MO60N30-ASM		300	30	12	6.2	1.7	3.0	186	130	171
MO60N30L-AHDSM		300	30	12	6.5	1.7	3.0	186	130	171
MO60N35L-AHDSM		320	35	12	6.5	2.2	3.0	238	131	167
BATTERIE SENZA MANUTENZIONE / MOTORCYCLE MAINTENANCE FREE BATTERIES **										
MOT4B-BS		40	2.3	12	0.85	0.12	4.0	113	38	85.5
MOTR4A-BS		45	2.3	12	0.9	0.14	/	114	49	86
MOTX4L-BS		50	3	12	1.6	0.18	0.3	114	71	86
MOTZ5S-BS		65	4	12	1.3	0.18	/	113	70	85
MOTX5L-BS		70	4	12	1.6	0.26	0.4	114	71	106
MOB5LB-BS		75	5	12	1.88	0.3	/	120	60	130
MOT7B-BS		85	6.5	12	2.30	0.30	/	150	65	93
MOTX7L-BS		85	6	12	2.3	0.35	0.6	114	71	131
MOTX7A-BS		90	6	12	2.4	0.35	0.6	150	87	94
MOTZ6S-BS		90	5	12	2.3	0.3	/	113	70	105
MOTZ7V-BS		90	6	12	1.70	0.33	/	113	70	105
MOT9B-BS		115	8	12	3.78	0.40	/	150	70	105
































** Batteria carica secca con acido a corredo / Dry battery with bottle of acid in the package




MAGNET MARELLI PARTS & SERVICES		C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Dry Weight Approx Kg	Acid Volume (Liter)	Regular Charge Current (Amp)	Maximum dimensions **		
								L	W	H
MOTR9-BS		120	8	12	2.7	0.40	/	150	87	105
MOTX9-BS		120	8	12	2.5	0.42	0.8	150	87	105
MOTZ8V-BS		120	7	12	2.3	0.35	/	114	71	131
MOTX9A-BS		130	9	12	2.6	0.49	0.9	135	75	139
MOTZ7S-BS		130	6	12	1.70	0.33	/	113	70	105
MOT12A-BS		175	10	12	3.5	0.50	/	150	87	105
MOT12B-BS		180	11	12	3.4	0.50	/	151	70	130
MOTX12-BS		180	10	12	3.5	0.60	1.0	150	87	130
MOTZ10S-BS		190	8.6	12	2.8	0.35	/	150	87	93
MOTX14-BS		200	12	12	3.8	0.70	1.2	150	87	145
MOTX14L-BS		200	12	12	3.8	0.7	1.2	150	87	145
MOT14B-BS		210	12	12	5.64	0.65	/	152	70	145
MOTX14AHL-BS		210	12	12	4.08	0.66	1.2	134	89	166
MOTZ12S-BS		210	11	12	3.00	0.55	/	150	87	110
MOTX16-BS		230	14	12	5.40	0.8	/	150	87	161
MOTZ14S-BS		230	11.2	12	3.10	0.55	/	150	87	110
MOTX20-BS		270	18	12	5.1	0.93	/	175	87	155
MOTX20CH-BS		270	18	12	4.26	0.82	/	150	87	161
MOTX20L-BS		270	18	12	5.1	0.93	/	175	87	155
12N20AH-BS		275	20	12	5.4	0.8	/	185	81	170
MOTX20HL-BS		310	18	12	5.1	0.93	/	175	87	155
MOIX30L-BS		400	30	12	6.9	1.5	3.0	166	126	175

** Batteria carica secca con acido a corredo / Dry battery with bottle of acid in the package

MAGNET MARELLI PARTS & SERVICES		Can replace	C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Weight Approx Kg	Regular Change Current	Maximum dimensions		
								L	W	H
MMX9		MOTX9-BS	155	8	12	3,1	0,5	150	87	105
MMX12		MOTX12-BS	225	10	12	4,1	1,2	150	87	130
MMX14		MOTX14-BS	275	12	12	4,7	1,6	150	87	145
MMX14L		MOTX14L-BS	275	12	12	4,7	1,6	150	87	145
MMX14AH		CBTX14AH-BS	305	13	12	5,4	1,6	134	89	164
MMX14AHL		MOTX14AHL-BS	305	13	12	5,4	1,6	134	89	164
MMX16B		CB16-B-SM	435	19	12	7,6	2,1	175	100	155
MMX16LB		CB16L-B-SM	435	19	12	7,6	2,1	175	100	155
MMX20L		MOTX20L-BS	385	18	12	6,9	2,0	176	87	154
MMX24HL		CBTX24HL-BS	425	20	12	7,9	2,3	205	90	162
MMX30L		MOIX30L-BS	510	30	12	10,4	3,2	169	131	175

** Batteria carica secca con acido a corredo / Dry battery with bottle of acid in the package

MAGNETI MARELLI PARTS & SERVICES		C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Weight Approx Kg	Regular Charge Current (Amp)	Maximum dimensions		
							L	W	H
MOTX4L-FA		50	3	12	1.42	0.3	114	71	86
MOB4LB-FA		60	4	12	1.56	0.4	114	70	92
MOTX5L-FA		70	4	12	1.8	0.4	114	71	106
MOB5LB-FA 		75	5	12	1.8	0.7	120	60	130
MOT7B-FA 		85	6,5	12	2.34	0.6	150	65	93
MOTX7L-FA		85	6	12	2.43	0.6	114	71	131
MOTX7A-FA		90	6	12	2.52	0.6	150	87	94
MOT9B-FA		115	8	12	2.8	0.8	150	70	105
MOTX9-FA		120	8	12	3.07	0.8	150	87	105
MOB10LBP-FA 		120	10	12	3.7	1.0	133	90	142
MOB7LB2-FA 		124	8	12	2.93	0.8	146	60	130
MOB9B-FA		130	9	12	2.94	0.9	135	75	139
MOB12AA-FA 		165	12	12	3.1	0.9	135	75	139
MOB12ALA-FA 		165	12	12	3.1	0.9	135	75	139
MOTZ7S-FA		130	6	12	2.27	0.6	113	70	105
MOT12A-FA		175	10	12	3.38	1.0	150	87	105
MOT12B-FA		180	11	12	3.63	1.1	151	70	130
MOTX12-FA		180	10	12	3.93	1.0	150	87	130
MOTZ10S-FA		190	8.6	12	3.43	0.9	150	87	93
MOTX14-FA		200	12	12	4.4	1.2	150	87	145
MOB14LA2-FA 		210	14	12	2.3	1.2	133	90	164
MOTZ12S-FA		210	11	12	4.11	1.1	150	87	110
MOTZ14S-FA		230	11.2	12	4.11	1.1	150	87	110

MAGNETI MARELLI PARTS & SERVICES		C.C.A.	Capacity Ah (10 hr)	Voltage (V)	Weight Approx Kg	Regular Charge Current (Amp)	Maximum dimensions		
							L	W	H
MOTX20-FA		270	18	12	6.03	1.8	175	87	155
MOP18-12		275	20	12	5.81	1.8	181	76	167





MODEL	POWER (Wh)	CCA (A)	DIMENSIONS mm (±2mm)			WEIGHT (KG)	POLARITY	REPLACEMENT - MOST POPULAR MODELS
			L	W	H			SLA MF DRY
MM-LT1B	32	150	113	70	85	0,5	+ -	MOB4LBSM MOB4LBBS MOTX4LBS MOTZ5SB
MM-LT1	32	150	113	70	85	0,5	⊕ ⊖	MOB9BSM MOB10LBPSM MOTX7ABS MOTX7LBS MOTX9BS MOTX9ABS MOTZ6SBS MOTZ7SBS MOTZ7BBS MOTZ7VBS MOTZ8VBS
MM-LT2B	42	200	150	65	93	0,8	⊕ ⊖	MMX9 MMX12 MOBTX12BS MOT9BBS MOT12ABS MOTR9BS MOTZ10SBS
MM-LT2	42	200	150	65	93	0,8	⊕ ⊖	MOTX14BS MOTX14LBS MOTX16BS MOTX20CHBS MOT12BBS MOT14BBS MOTZ12SBS MOTZ14SBS MMX14
MM-LT3	64	280	135	75	139	0,9	⊕ ⊖	12N20AHBS 12N20AHSM MOB10LA2SM MOB12A(L)A(2)SM MOB12ABSM MOB14B2 MOB14(L)B2SM MOTX14AHLBS MOP1812 MMX14HL
MM-LT4	102	280	175	87	130	1,4	⊕ ⊖	C50N18LA(2)(3)SM MOB16(L)BSM MOB16CLBSM MOB18(L)ASM MOBTX15LBS MOBTX18LBS MOBTX20(L)(HL)BS MOBTX24HLBS MMX16(L)B MMX20L MMX24HL
MM-LT5	154	300	165	125	175	1,9	⊕ ⊖	52515 53030 53034 B6812SM C60N24ALBSM C60N24LASM MO60N30ASM MO60N30LAHASM MOB30LBSM MOIX30LBS MMX30L

PROTEZIONE DA SOVRACCARICA E DA SOVRA SCARICA
OVER CHARGE AND OVER DISCHARGE PROTECTION

PROTEZIONE DA TEMPERATURE TROPPO ALTE O BASSE
CHARGE AND DISCHARGE OVER TEMPERATURE PROTECTION

CICLI DI VITA SORPRENDENTI: OLTRE 2000
EXCELLENT CYCLE LIFE: MORE THAN 2000 CYCLES

MAGGIORE CAPACITÀ E CONSERVAZIONE DELLA CARICA
SUPER CRANKING CAPACITY - LONG CAPACITY RETENTION

BASSISSIMA AUTOSCARICA - VITA PIÙ LUNGA
LOWER SELF DISCHARGE - LONGER SHELF LIFE

PIÙ LEGGERA FINO AL 75%
UP TO 75% LIGHTER

FINO A 3 VOLTE PIÙ LONGEVA DELLE BATTERIE TRADIZIONALI
UP TO 3 TIMES MORE DURABLE THAN TRADITIONAL BATTERIES



BATTERY CHARGER AND MAINTAINER

Automatic Waterproof Battery Charger and Maintainer

Carica Batterie e Mantentore di Carica Impermeabile



Perfect for outdoor activity
Perfetto per attività all'aperto

Fire retardant plastic housing
Materiale plastico ignifugo

Light weight and compact size
Leggero e compatto

Easy to use and self monitoring
Facile da usare

Spark proof
Anti scintille

MO-1210

Ideal for all kind of batteries:
GEL, AGM, SLA, VRLA and traditional ones

Per tutti i tipi di batterie:

GEL, AGM, SLA, VRLA e tradizionali

OUTPUT: 12V 1Amp

USCITA: 12V 1Amp

Power requirements: 100v to 240v a.c. 50/60hz, 1 Amp

Requisiti di alimentazione elettrica: da 100v a 240v c.a. 50/60hz, 1 Amp

Equipped with 2 connection cable: fused quick disconnect ring terminals and alligator connection clips

Doppio cavo di collegamento: terminale a occhiello e terminale a morsetti a cocodrillo, protetti da fusibile

Short circuit and inverted polarity protection and fully waterproof

Protetto da cortocircuiti da inversione di polarità e completamente impermeabile

Suitable for any kind of vehicle, ATV, snowmobile, caravan, boats, jet sky, agricultural vehicles

Ideale per ogni tipo di veicolo: auto, moto, barche, caravan, atv, jet sky, mezzi agricoli, motoslitte.

Complying with all international safety standards GS/CE

Conforme alle norme di sicurezza internazionali GS/CE

3 led to check the right functioning

Tre spie per verificare il corretto funzionamento del dispositivo

Ring Terminal also available separated
Cavi con occhiello aggiuntivi opzionali

MFL-2

OPTIONAL

MAV1.5M

Optional Extention Cable
Cavo prolunga opzionale

OPTIONAL

USB PORT MUSB1.0

If connected to cable (with alligator clips or ring terminals), it can charge any kind of device through its USB port by using the vehicle's battery power.

Raccordato al cavo del caricabatteria (cavo con pinze o con occhielli), consente di effettuare la ricarica di qualsiasi dispositivo tramite la porta USB sfruttando l'energia della batteria del proprio veicolo



OPTIONAL

MFL4 CIGAR CONNECTOR

This cigar connector (diameter 12/18 mm) helps connecting the battery charger to all vehicles thanks to their standard equipment.

In fact the cigar socket is available on all kind of vehicles and motorcycles.

Presenza accendisigari universale (diam. 12/18 mm), consente di interfacciare il caricabatteria ad ogni veicolo, sfruttandone le dotazioni di serie. Tale presa è presente su tutti i tipi di automobili e anche in molti motocicli.



Automatic Battery Charger and Maintainer



MMCH-1000
1A
6V/12V

Automatic BMS unlock

Operating voltage Votaggio	200V-250V/AC50HZ±2	Battery chemistries Tipo di batteria ricaricabile	Lead acid, Agm, Gel, Lithium
Input power Votaggio di carica	6V/12V	Battery charge capacity Capacità del caricabatteria	< 30Ah
Charging current Corrente di carica	1A 6V / 1A 12V	Battery maintenance capacity Capacità di mantenimento	All battery sizes

PROVIDE PROTECTION
against

...

Low voltage
Basso voltaggio

...

High voltage
Alto voltaggio

...

Reverse connection
Errata polarità

MMCH-3500
3.5A
6V/12V



Automatic BMS unlock

Operating voltage Votaggio	200V-250V/AC50HZ±2	Battery chemistries Tipo di batteria ricaricabile	Lead acid, Agm, Gel, Lithium
Input power Votaggio di carica	6V/12V	Battery charge capacity Capacità del caricabatteria	<60Ah
Charging current Corrente di carica	3,5A 6V / 3,5A 12V	Battery maintenance capacity Capacità di mantenimento	All battery sizes

PROTEZIONE E SICUREZZA
per

...

Over temperature
Temperature elevate

...

Short circuit
Corto circuito

...

Overload
Sovraccarico

Made for Lead acid / Agm / Gel / Lithium battery
Per batterie al Piombo acido / Agm / Gel / Litio



• • •
Test per batterie di avviamento
(AGM, EFB, GEL)

• • •
Test per batteria installata o
fuori dal vano motore

• • •
Test dell'alternatore

• • •
Test del sistema di avviamento

• • •
Rilevamento celle difettose

• • •
Protezione da polarità errata

• • •
Test della batteria anche con
carica minima

• • •
Conforme ai maggiori standard
CCA-BCI-MCA-JIS-DIN-SAE

• • •
Display multilingua da 2"

**AUTOMOTIVE LEAD-ACID BATTERIES TESTER
(AGM, EFB, GEL)**

**Batterie per avviamento
Automotive starter battery**

**Alternatore
Alternator**

**Sistema di avviamento
Automotive starter system**

MBT710



DIAGNOSTIC DEVICE TOOL

for 12V battery for vehicle - boat - motorcycle

Il tester MBT710 è progettato per misurare e analizzare tutti i tipi di batterie da 12V riportando dati importanti come lo stato della batteria, la carica, la tensione, la resistenza interna, lo spunto di partenza, lo stato dell'alternatore e del sistema di avviamento del motore di automobili, natanti e motocicli. Questo tester è veloce, facile da usare, ma soprattutto accurato e può essere utilizzato con una varietà di batterie 12V 100-2000 CCA (piombo acido, AGM flat, AGM a spirale e persino GEL). Grazie al suo potente microprocessore, MBT710 fornisce rapporti di test accurati, oltre il 99,5%, in pochi millisecondi, superando di gran lunga in velocità altri tester per batterie presenti sul mercato.

The MBT710 tester is designed to measure and analyze all types of 12V batteries reporting important data such as battery status, charge, voltage, internal resistance, starting CCA values, alternator and starting system status of the engine of cars, boats and motorcycles. This tester is fast, easy to use, but most of all accurate and can be used with a variety of 12V 100-2000 CCA batteries (lead acid, flat AGM, spiral AGM and even GEL). Thanks to its powerful microprocessor, the MBT710 provides accurate test reports, over 99.5%, in a few milliseconds, far outstripping other battery testers on the market.

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ARGENTINA

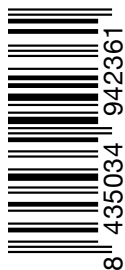
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BK



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