







# MF MAINTENANCE FREE




ORIGINAL EQUIPMENT  
**OEM**  
MANUFACTURER



MF batteries are designed to offer excellent power and reliability whatever the weather conditions. Supplied with an acid pack, MF batteries must be activated by filling the acid before first use. Totally sealed once activated, the gas recombination technology allows no maintenance, and does not require any water refilling. Utilizing advanced AGM technology, these batteries are perfectly suitable for the majority of powersport applications.

## FEATURES

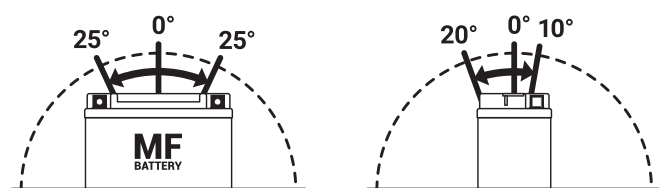
-  **Maintenance free**  
No water refilling
-  **Acid pack included for initial filling**
-  **Upright installation only**
-  **Completely sealed after filling**  
No gas emission through venting hole
-  **Superior power & extended cycle life**
-  **Long shelf life**  
No need to be recharged while stocked

-  **Suitable for cold weather**
-  **Reduction of plate sulfation**
-  **Longer voltage hold**



Acid pack included for activation

## MOUNTING ANGLES



Medium inclinaison

## COMPATIBLE CHARGERS

- BS 10** Battery size up to 20Ah
- BS 15** Battery size up to 30Ah
- BS 30** Battery size up to 60Ah
- BS 60** Battery size up to 120Ah
- BK 20** Battery size up to 40Ah

# TECHNICAL FEATURES

# MF

BS BATTERY TYPE - 12V	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA (EN) A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
				L	W	H		
BT3L-BS	3	3.2	30	98	56	110		B
BT4B-BS	2.3	2.4	40	113	38	85		J
BTR4A-BS	2.3	2.4	45	113	48	85		I
BTX4L-BS	3	3.2	50	113	70	85		A
BT5AL-BS	5	5.3	65	120	60	130		B
BTX4L-BS+/BTZ5S	4	4.2	50	113	70	85		A
BTX5L-BS	4	4.2	80	113	70	105		A
BTX6.5L-BS	6.5	6.8	85	139	66	100		B
BTZ7S-BS	6	6.3	130	113	70	105		A
BTX7A-BS	6	6.3	105	150	87	93		A
BTX7L-BS	6	6.3	100	113	70	130		A
BT7B-BS	6.5	6.8	85	150	65	93		A
BT9B-BS	8	8.4	120	150	70	105		A
BTX9-BS	8	8.4	135	150	87	105		A
BTZ10S-BS	8.6	9	190	150	88	93		A
BT9A-BS	9	9.5	115	135	75	139		A
BT12A-BS	10	10.5	175	150	88	105		A
BT12B-BS	10	10.5	210	150	69	130		A
BTX12-BS	10	10.5	180	150	87	130		A
BTZ12S-BS	11	11.6	215	150	88	110		A
BT14B-BS	12	12.6	210	150	69	145		A
BTX14-BS	12	12.6	200	150	87	145		A
BTX14L-BS	12	12.6	200	150	87	145		A
BTX14H-BS	12	12.6	200	150	87	145		A
BTX14AH-BS	12	12.6	210	133	90	164		A
BTX14AHL-BS	12	12.6	210	133	90	164		A
BTZ14S-BS	11.2	11.8	230	150	88	110		A
BTX16-BS	14	14.7	230	150	87	161		A
BTX16-BS-1	14	14.7	230	150	87	161		E
BTX20-BS	18	18.9	270	175	87	155		A
BTX20A-BS	18	18.9	270	150	87	161		A
BTX20CH-BS	18	18.9	270	150	87	161		A
BTX20L-BS	18	18.9	270	175	87	155		A
BTX20HL-BS	18	18.9	310	175	87	155		A
BTX20H-BS	18	18.9	310	175	87	155		A
BTX24HL-BS	21	22.1	350	205	87	162		A
BIX30L-BS	30	31.6	400	165	125	175		A





# PLUG AND PLAY SOLUTION



2021 MotoGP  
**WORLD CHAMPION**



**+80 AVAILABLE TYPES OF  
"READY TO START" BATTERIES**

# COMPARATIVE FEATURES



	<b>LITHIUM</b> LiFePO4	<b>SLA MAX</b> FACTORY ACTIVATED	<b>SLA</b> FACTORY ACTIVATED	<b>MF</b> BATTERY	<b>DRY</b> BATTERY
READY TO USE	✓	✓	✓	—	—
NO ACID HANDLING	✓	✓	✓	—	—
MAINTENANCE FREE	✓	✓	✓	✓ <sup>(1)</sup>	—
NON-SPILLABLE	✓	✓	✓	—	—
FACTORY ACTIVATED	✓	✓	✓	—	—
MULTI-POSITIONING FITMENT	✓	✓	✓	—	—
EASY TO CARRY	✓	✓	✓	—	—
EASY TO SHIP	✓	✓	✓	—	—
NO SELF DISCHARGE DURING STORAGE	—	—	—	✓	✓
COMPLIANT WITH EU REGULATION 2019/1148 (FOR THE SALE OF ACID FOR BATTERIES)	✓	✓	✓	—	—

## TRANSPORTATION CHART

ROAD FREIGHT	✓	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>
AIR FREIGHT	— <sup>(2)</sup>	✓	✓	—	—
SEA FREIGHT	✓	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>
	SUITABLE FOR E-COMMERCE			UNDER CERTAIN CONDITION	

(1) Once activated

(2) According to ADR, IMDG & IATA regulations