

## MAINTENANCE FREE

Supplied with an acid pack, MF batteries (AGM technology) **must be activated** by filling with acid before the first use. **Totally sealed once activated**, those batteries **don't require maintenance or any water refilling** thanks to gas recombination technology. MF batteries are the good solution for **entry-level bikers seeking ease of use.**



### TO BE ACTIVATED

AGM (Absorbent Glass Mat) technology.



### ACID PACK INCLUDED

For initial filling.



### NO MAINTENANCE\*

VRLA (Valve Regulated Lead Acid) design.



### TIGHTLY SEALED AFTER FILLING

Electrolyte is held in a glass fiber mat.



### SUPERIOR POWER & EXTENDED CYCLE LIFE



### LONG SHELF LIFE

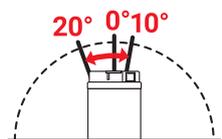
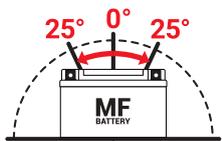
No need to be recharged while stocked (if not activated).

\*once activated



### MOUNTING ANGLES

#### MEDIUM INCLINATION



### COMPATIBLE CHARGERS

**BS 10** Battery size up to 20Ah    **BS 15** Battery size up to 30Ah

**BS 30** Battery size up to 60Ah    **BS 30 MAX** Battery size up to 60Ah

**BS 60** Battery size up to 120Ah    **BK 20** Battery size up to 40Ah

### DID YOU KNOW?

MF batteries are not suitable for e-commerce. Since February 1st, 2021, the regulation (EU) 2019/1148 prohibits the sale of acid batteries to the public in Europe.

BS in MF battery type means Bottle Supplies.

BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BT4B-BS	300625	2.3	2.4	40	113	38	85		J
BTR4A-BS	300624	2.3	2.4	45	113	48	85		I
BTX4L-BS	300909	3	3.2	50	113	70	85		A
BT5AL-BS	300747	5	5.3	65	120	60	130		B
BTX4L-BS+/BTZ5S-BS	300617	4	4.2	50	113	70	85		A
BTX5L-BS	300618	4	4.2	80	113	70	105		A
BTZ7S-BS	300695	6	6.3	130	113	70	105		A
BTX7A-BS	300619	6	6.3	105	150	87	93		A
BTX7L-BS	300620	6	6.3	100	113	70	130		A
BT7B-BS	300626	6.5	6.8	85	150	65	93		A
BT9B-BS	300627	8	8.4	120	150	70	105		A
BTX9-BS	300621	8	8.4	135	150	87	105		A
BTZ10S-BS	300696	8.6	9	190	150	88	93		A
BT12-10Z-BS	300622	9	9.5	150	194	59	112		A
BT9A-BS	300748	9	9.5	115	135	75	139		A
BT12A-BS	300602	10	10.5	175	150	88	105		A
BT12B-BS	300628	10	10.5	210	150	70	130		A
BTX12-BS	300603	10	10.5	180	150	87	130		A
BTZ12S-BS	300697	11	11.6	215	150	88	110		A
BT14B-BS	300629	12	12.6	210	150	69	145		A
BTX14-BS	300604	12	12.6	200	150	87	145		A
BTX14L-BS	300605	12	12.6	200	150	87	145		A
BTX14AH-BS	300606	12	12.6	210	133	90	164		A
BTX14AHL-BS	300607	12	12.6	210	133	90	164		A
BTZ14S-BS	300698	11.2	11.8	230	150	88	110		A
BTX16-BS	300609	14	14.7	230	150	87	161		A
BTX16-BS-1	300623	14	14.7	230	150	87	161		E
BTX20-BS	300611	18	18.9	270	175	87	155		A
BTX20A-BS	300808	18	18.9	270	150	87	161		A
BTX20CH-BS	300616	18	18.9	270	150	87	161		A
BTX20L-BS	300610	18	18.9	270	175	87	155		A
BTX20HL-BS	300614	18	18.9	310	175	87	155		A
BTX20H-BS	300613	18	18.9	310	175	87	155		A
BTX24HL-BS	300630	21	22.1	350	205	87	162		A
BIX30L-BS	300753	30	31.6	400	168	126	173		A

TERMINAL  
TYPE



# BATTERY RANGE OVERVIEW



## DRY BATTERY

### CONVENTIONAL



Entry-level bikers with standards requirement.

## MF BATTERY

### MAINTENANCE FREE



Entry-level bikers seeking easiness.

	DRY BATTERY	MF BATTERY
<b>TECHNOLOGY</b>	Flooded dry	AGM/VRLA
<b>FACTORY ACTIVATED READY TO USE</b>	—	—
<b>NO ACID HANDLING</b>	—	—
<b>NO MAINTENANCE</b>	—	✓ <sup>(1)</sup>
<b>NON-SPILLABLE</b>	—	—
<b>INCLINATION LEVEL</b>		
<b>OEM APPROVED</b>	—	✓
<b>SUITABLE FOR E-COMMERCE</b> COMPLIANT WITH EU REGULATION 2019/1148 (FOR THE SALE OF ACID FOR BATTERIES)	—	—
<b>EASY TO SHIP</b>	—	—
<b>TRANSPORT TYPE</b>		



**SLA**  
FACTORY ACTIVATED

READY TO START



Budget-conscious riders looking for performance and time-saving.

**SLA MAX**  
FACTORY ACTIVATED

READY TO START  
MAXIMUM POWER



Adventure riders with big engines seeking robust performance and durability.

**LITHIUM**  
LiFePO4

INNOVATION FOR  
HIGH PERFORMANCE



Demanding riders seeking for peak performance, lightweight and advanced technology.

**LITHIUM MAX**  
LiFePO4

INNOVATION FOR  
MAXIMUM PERFORMANCE



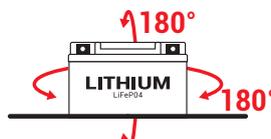
Selective riders aiming to meet the latest standards of modern vehicles.

AGM/VRLA

AGM/VRLA

LiFePO4

LiFePO4



(1) Once activated | (2) According to ADR, IMDG & IATA regulations

# UPGRADE CROSS REFERENCE CHART

DRY	MF	SLA	SLA MAX	LITHIUM
	BTZ5S/BTX4L-BS+	BTZ5S/BTX4L+		BSLi-02 ; BSLi-02 <b>MAX</b>
		BTZ6S/BTX5L		BSLi-02 ; BSLi-02 <b>MAX</b>
	BTZ7S-BS	BTZ7S		BSLi-02 ; BSLi-02 <b>MAX</b>
	BT7B-BS	BT7B-4		BSLi-03
		BTZ7V		BSLi-02 ; BSLi-02 <b>MAX</b>
		BTZ8V		BSLi-02 ; BSLi-02 <b>MAX</b>
	BT9B-BS	BT9B-4		BSLi-03
	BTZ10S-BS	BTZ10S		BSLi-04/06
	BTZ12S-BS	BTZ12S		BSLi-04/06 ; BSLi-09
	BT12B-BS	BT12B-4		BSLi-04/06
	BTZ14S-BS	BTZ14S		BSLi-04/06 ; BSLi-09
	BT14B-BS	BT14B-4		BSLi-04/06
51814 ; 51913			51913 <b>MAX</b>	BSLi-12
	BT12-10Z-BS	BT12-10Z		
	BT4B-BS	BT4B-5		
	BTR4A-BS	BTR4A-5		
	BTX4L-BS+/BTZ5S-BS	BTX4L+/BTZ5S		BSLi-02 ; BSLi-02 <b>MAX</b>
	BTX5L-BS	BTX5L/BTZ6S		BSLi-02 ; BSLi-02 <b>MAX</b>
		BTX6.5L		BSLi-02 ; BSLi-02 <b>MAX</b>
	BTX7L-BS	BTX7L		BSLi-02 ; BSLi-02 <b>MAX</b>
	BTX7A-BS	BTX7A		BSLi-03
	BTX9-BS	BTX9		BSLi-03
	BT12A-BS	BT12A		BSLi-04/06
	BTX12-BS	BTX12		BSLi-04/06
	BTX14-BS	BTX14	BTX14H <b>MAX</b> ; BGZ16H <b>MAX</b>	BSLi-04/06
	BTX14L-BS	BTX14L	BGZ16HL <b>MAX</b>	BSLi-08
BB14-A2 (12N14-4A) ; BB14-B2	BTX14AH-BS	BTX14AH/BB14-A2/B2	BTX14AH <b>MAX</b>	BSLi-04/06
BB14L-A2 (12N14-3A) ; BB14L-B2	BTX14AHL-BS	BTX14AHL/BB14L-A2/B2		BSLi-05
	BTX16-BS	BTX16	BTX16H <b>MAX</b>	BSLi-09
	BTX20-BS	BTX20H	BGZ20H <b>MAX</b>	BSLi-09
	BTX20CH-BS ; BTX20A-BS	BTX20CH		BSLi-09
BB18L-A	BTX20L-BS ; BTX20HL-BS	BTX20HL	BGZ20HL <b>MAX</b>	BSLi-10 ; BSLi-10 <b>MAX</b>
B50-N18L-A/A2/A3	BTX24HL-BS	BTX24HL/B50-N18L-A/A2/A3		BSLi-10 ; BSLi-10 <b>MAX</b>
BB30L-B	BIX30L-BS	BIX30L	BGZ3ZHL <b>MAX</b>	BSLi-10 ; BSLi-10 <b>MAX</b>
6N11A-1B ; 6N11A-3A		6N11A-1B/3A		
6N4-2A ; 6N4-2A-4		6N4-2A/A-4		
6N6-3B ; 6N6-3B-1		6N6-3B/B-1		
6N11A-4 ; 6N11A-4A		6N11A-4A		
B49-6		B49-6		
B38-6A		B38-6A		
12N5.5-3B		12N5.5-3B		BSLi-02 ; BSLi-02 <b>MAX</b>
12N5.5-4A ; 12N5.5-4B		12N5.5-4A/4B		
12N7A-3A		12N7A-3A/B		
BB3L-A ; BB3L-B		BB3L-A/B		BSLi-01
BB4L-B		BB4L-B		BSLi-02 ; BSLi-02 <b>MAX</b>
BB5L-B (12N5-3B)		BB5L-B		BSLi-02
BB7-A (12N7-4A)		BB7-A		BSLi-03
BB7C-A		BB7C-A		BSLi-02 ; BSLi-02 <b>MAX</b>
BB7B-B		12N7A-3A/B		
BB7L-B (12N7-3B) ; BB7L-B2		BB7L-B2		BSLi-02 ; BSLi-02 <b>MAX</b>
BB9-B (12N9-4B-1)	BT9A-BS	BB9-B		BSLi-03
BB10L-A2 ; BB10L-B2 ; BB10L-BP		BB10L-A2/B2		BSLi-05
BB12AL-A/A2		BB12AL-A2		BSLi-05
BB12A-A (12N12A-4A-1) ; BB12A-B		BB12A-A/B		BSLi-04/06
BB14A-A2 ; BB14A-A1		BB14A-A2		BSLi-04/06
BB14-A2 (12N14-4A) ; BB14-B2	BTX14AH-BS	BB14-A2/B2/BTX14AH	BTX14AH <b>MAX</b>	BSLi-04/06
BB14L-A2 (12N14-3A) ; BB14L-B2	BTX14AHL-BS	BB14L-A2/B2/BTX14AHL		BSLi-05
BB16AL-A2		BB16AL-A2		BSLi-05
BB16CL-B		BB16CL-B		BSLi-10 ; BSLi-10 <b>MAX</b>
B50-N18L-A/A2/A3	BTX24HL-BS	B50-N18L-A/A2/A3/BTX24HL		BSLi-10 ; BSLi-10 <b>MAX</b>
53030		53030		BSLi-12 ; BSLi-12 <b>MAX</b>