



The Power you need...



SOLUTIONS

POWERSPORT

5

202

BATTERY | CHARGER | BOOSTER | TESTER



The Power you need...

400
BATTERY TYPES

80
COUNTRIES

3
SUBSIDIARIES

3
COORDINATION OFFICES

ABOUT US

Crafting ingenious battery solutions for all powersport applications defines the core identity of BS BATTERY.

Based in France and founded in 2008, our family-run company offers more than 400 battery solutions developed by an active Research & Development team and 2 stable production facilities.

Original Equipment Manufacturer (OEM) and Original Equipment Supplier (OES) approved by major motorcycle brands, involved with Racing Teams in all categories,

BS BATTERY's growth is fueled by the active engagement of its loyal partners across more than 80 countries supported by 3 subsidiaries and 3 coordination offices around the world.

Service-oriented and passionate, BS BATTERY has become in just a few years, one of the largest and most innovative powersport battery manufacturers, becoming a reliable partner of the major distribution players and vehicle manufacturers.



QUALITY

Developed according to innovative production processes and engineered under stringent quality control, BS BATTERY facilities comply with the highest international standards and certifications such as:



Original Equipment Manufacturer (OEM) and Original Equipment Supplier (OES) approved by major motorcycle brands worldwide, we collaborate strongly with vehicle manufacturers to demonstrate our products' reliability and remain perpetually at the forefront of innovation.

INNOVATION

Aware of the complexities that batteries may introduce for end users, BS BATTERY has created a wide program of "ready to use" solutions with more than 80 models available, SLA & SLA MAX batteries are suitable for all types of powersport applications.

Very active in new technology, built real expertise over the years in Lithium technology thanks to our collaboration with vehicle manufacturers and more than 15 Official Racing Teams in all categories.

SERVICE-ORIENTED

Mindful of the critical role maintenance plays, BS BATTERY develops ingenious charging and testing solutions for professionals or end-users covering all their needs.

Placing services at the heart of our strategy, we pay special attention to accompanying our distributors as true partners with maintenance solutions, logistics, business development support, including education and marketing.

HUMAN DIMENSION

The driving force behind our success is the power of passion. In the world of racing, precision and teamwork are non-negotiable. The same principles apply to our daily operations. It's not just about reaching the finish line; it's about the journey.

Our employees and partners bring their racing spirit to work every day, infusing energy and determination. This shared passion fosters a sense of belonging, loyalty, and a collective desire to see our brand emerge as a champion in our industry.

GLOBAL PARTNERSHIP

APRILIA

BRAND AMBASSADOR

FABIO QUARTARARO



FROM ROAD...

As Original Equipment Manufacturer, BS BATTERY powers all of Aprilia's bikes from the factory with BSLi-04/06 lithium batteries. This successful collaboration reinforces the quality of our products, where the same high standards are maintained for our aftermarket solutions.

...TO RACE

As the Official Technical Sponsor of Aprilia Racing Team, BS BATTERY extends its partnership on track, offering its partners an immersive MotoGP experience including paddock access, hospitality services, garage tours, and opportunities to meet the team and riders!

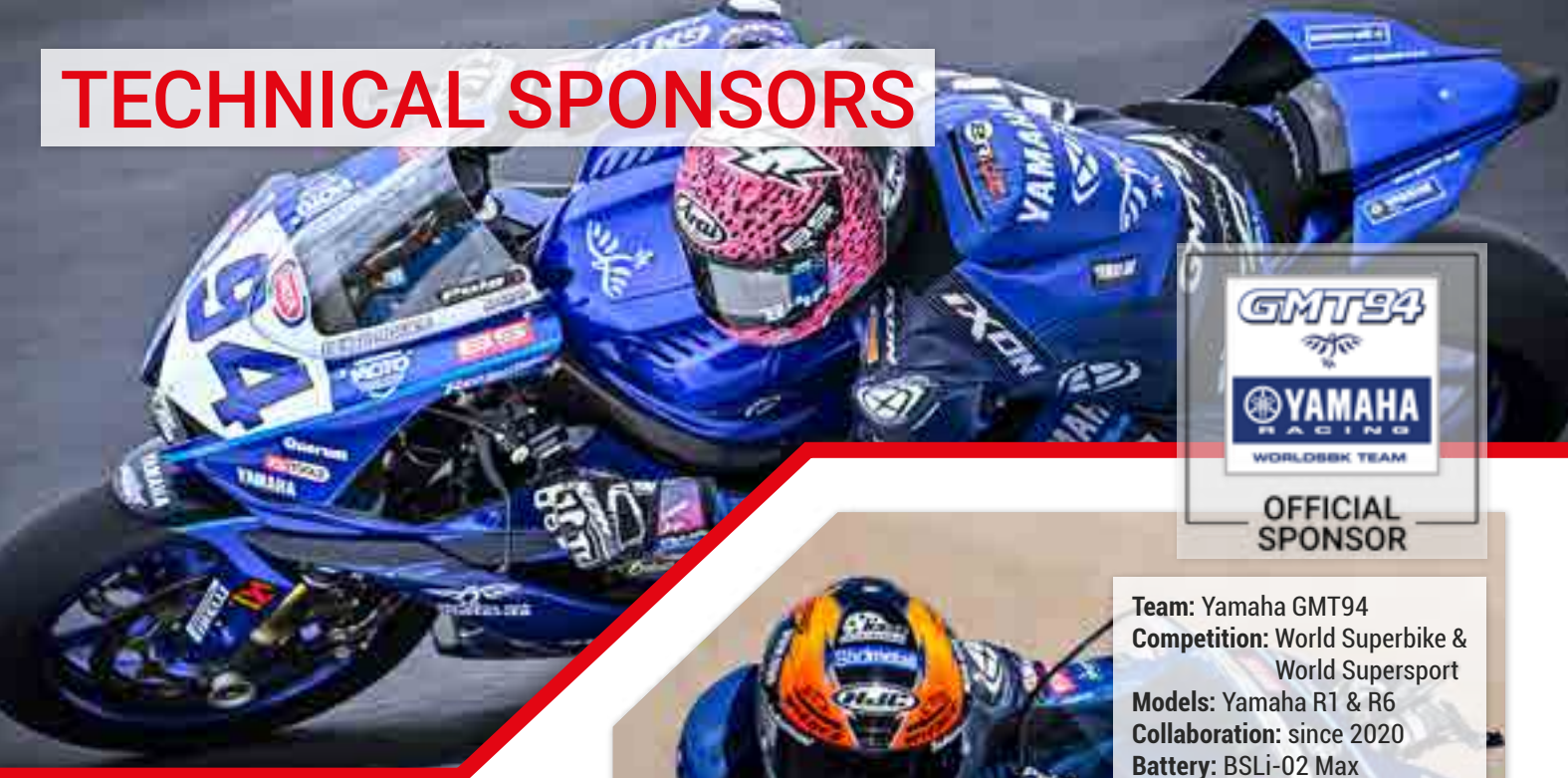


FUELED BY PASSION SINCE 2019

As Official Sponsor of Fabio Quartararo in the FIM MotoGP World Championship with Monster Energy Yamaha Team, we proudly celebrated his World Champion title together and continue to dream big for the 2025 season!



TECHNICAL SPONSORS



Team: Yamaha GMT94
Competition: World Superbike & World Supersport
Models: Yamaha R1 & R6
Collaboration: since 2020
Battery: BSLi-02 Max
Chargers: BS 10 | BS 30 | BK 20



Team: Kawasaki Bud Racing
Competition: MXGP
Models: Kawasaki KX450 - KX250
Collaboration: since 2022
Battery: BSLi-02
Chargers: BS 10 | BK 20



RACING IS OUR PLAYGROUND

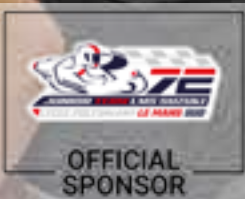
Testing our products in extreme conditions is essential for development. We refine our solutions through collaboration with our Racing Partners, whose insights drive innovation for the riding community.



Team: Sherco Racing
Competition: Rally Raid (Dakar) - Enduro
 Enduro Xtrem - Trial
Collaboration: since 2021
Battery: BSLi-02 | BSLi-04/06 | BSLi-05
Chargers: BS 10 | BK 20



Pilot: Benjamin Scharff
Competition: King's Cup Triple Crown
 Jet Ski World Series
Models: Powersport GP1R | Kawasaki 1500cc
Collaboration: since 2021
Battery: BSLi-12 Max
Chargers: BS 30



Team: Suzuki Junior Team
Competition: French Superbike Championship
 Endurance World Championship
Models: Suzuki
Collaboration: since 2021
Battery: BSLi-04/06
Charger: BS 30

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aprilia[®]
RACING
Aprilia Racing

Diablo
Fabio Quartararo



Yamaha GMT94



Kawasaki Bud Racing



Sherco Racing Factory



Canadian Superbike Championship



Ipone Cup



Suzuki Junior Team

OFFICIAL SPONSOR

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DISCLAIMER: these instructions have been written with the most current information available at the time of publication, based on sound engineering principles, research, extensive field experience, and the technical judgment of industry members. However, users are cautioned that this information is subject to change upon developments in technology, field experience, and available fitment data. BS BATTERY cannot nor does not claim any express or implied responsibility, representation, or warranty concerning this catalog's data or recommendations. Although this catalog has been compiled with the utmost care, BS BATTERY shall in no event be liable for any loss or damages claimed to have occurred as a result of use of this data or from the recommendations set henceforth. Users should always use the most current edition of the BS Powersports Battery catalog & applications and consult their equipment manufacturer's user manual or service department for specific replacement battery application information.
CREATION: Ombeline Guirauton & Pierre Bresson - **PHOTOS:** William Joly, Aprilia Racing Team ©, Yamaha MotoGP ©, Bud Racing ©, Sherco Racing Factory Team ©, Ombeline Guirauton

BATTERY RANGE OVERVIEW

The Power you need...



	DRY CONVENTIONAL	MF MAINTENANCE FREE	SLA READY TO START	SLA MAX READY TO START MAXIMUM POWER	LITHIUM INNOVATION FOR HIGH PERFORMANCE	LITHIUM MAX INNOVATION FOR MAXIMUM PERFORMANCE
						 NEW
	Entry-level bikers with standards requirement.	Entry-level bikers seeking easiness.	Budget-conscious riders looking for performance and time-saving.	Adventure riders with big engines seeking robust performance and durability.	Demanding riders seeking for peak performance, lightweight and advanced technology.	Selective riders aiming to meet the latest standards of modern vehicles.

TECHNOLOGY	Flooded dry	AGM/VRLA	AGM/VRLA	AGM/VRLA	LiFePO4	LiFePO4
FACTORY ACTIVATED READY TO USE	—	—	✓	✓	✓	✓
NO ACID HANDLING	—	—	✓	✓	✓	✓
NO MAINTENANCE	—	✓ ⁽¹⁾	✓	✓	✓	✓
NON-SPILLABLE	—	—	✓	✓	✓	✓
INCLINATION LEVEL	UPRIGHT INCLINATION ONLY	MEDIUM INCLINATION	HIGH INCLINATION	HIGH INCLINATION	HIGH INCLINATION	HIGH INCLINATION
SUITABLE FOR E-COMMERCE <small>COMPLIANT WITH EU REGULATION 2019/1148 (FOR THE SALE OF ACID FOR BATTERIES)</small>	—	—	✓	✓	✓	✓
EASY TO SHIP	—	—	✓	✓	✓	✓
TRANSPORT TYPE	 (2)	 (2)			 (2)	 (2)

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

LITHIUM

INNOVATION FOR HIGH PERFORMANCE

Designed to offer a **higher performance thanks to highly reduced weight**, low self-discharge, much **longer battery life**, Lithium battery range covers most of the existing circulating parc fitments.



READY TO USE

Just plug & play.

LIGHTER WEIGHT

Up to 70% lighter than Lead Acid batteries.

EXTENSIVE CYCLE LIFE

Over 2 000 cycles.

HEAT RESISTANCE

Up to 230°C.

ROBUST BRASS TERMINALS

To enhance electrical performance.

STATE OF CHARGE INDICATOR

Monitor the state of charge with the indicator screen on the top.

SPACERS

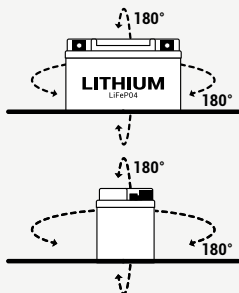
For superior performance and limited vibrations, our Lithium batteries are much smaller than the Lead Acid ones. Different spacer types are delivered with each battery to fit the casing easily.



Note: lithium motorcycle batteries can't be charged over 15V and require a specific charger for lithium technology.

MOUNTING ANGLES

HIGH INCLINATION



COMPATIBLE CHARGERS

BS 10
Battery size up to 20Ah

BS 30
Battery size up to 60Ah

BK 20
Battery size up to 40Ah

DID YOU KNOW?

BS BATTERY Lithium Range is also suitable for all big-engines bikes such as Harley Davidson, BMW, Indian, Triumph...

Our 3 models: BSLi-02, BSLi-03, BSLi-04/06 cover 80% of the existing parc fitments.

LITHIUM

LiFePO4

12V - TECHNICAL FEATURES

BS TYPE	BS CODE	POWER (Wh)	CCA (A)	CAPACITY Ah (10Hr)	DIMENSIONS (±2mm)			POLARITY	TERMINAL	REPLACEMENT - MOST POPULAR MODELS		
					L	W	H			SLA / SLA MAX	MF	DRY
BSLi-01	360101	24	140	2	86	48	90	+	M6	Replacement for KTM Original Equipment LFP01		
BSLi-02	360102	24	140	2	107	56	85	+	M5	12N5.5-3B BB4L-B BB5L-B BB7C-A BB7L-B2 BTX4L+/BTZ5S BTX5L/BTZ6S BTX6.5L BTX7L BTZ7S BTZ7V BTZ8V	BTX4L-BS+/ BTZ5S-BS BTX5L-BS BTX7L-BS BTZ7S-BS	12N5.5-3B 12N7A-3A BB4L-B BB5L-B BB6.5L-B BB7C-A BB7L-B BB7L-B2
BSLi-03	360103	36	210	3	134	65	92	+	M6	BB7-A BB9-B BTX7A BTX9 BT7B-4 BT9B-4	BTX7A-BS BT7B-BS BT9A-BS BT9B-BS BTX9-BS	12N7-4A 12N9-4B-1 BB7-A BB9-B
BSLi-04/06	360104	48	280	4	134	65	92	+	M6	BB12A-A/B BB14A-A2 BTX12 BTX14 BTX14H BTX14AH BTX14AH/ BB14-A2/B2 BT12B-4 BT14B-4 BT12A BTZ10S BTZ12S BTZ14S BGZ16H	BTX12-BS BTX14-BS BTX14AH-BS BT12B-BS BT14B-BS BT12A-BS BTZ10S-BS BTZ12S-BS BTZ14S-BS	12N14-4A 12N12A-4A-1 BB10A-A2 BB12A-A BB12A-B BB12C-A BB14-A2 BB14-B2 BB14A-A1 BB14A-A2
BSLi-05	360105	48	280	4	134	65	92	+	M6	BB10L-A2/B2 BB12AL-A2 BB16AL-A2 BTX14AHL/ BB14L-A2/B2	BTX14AHL-BS	12N10-3A 12N10-3B 12N14-3A BB10L-A2/B2 BB10L-BP BB12AL-A BB12AL-A2 BB14L-A1/A2 BB14L-B2 BB16AL-A2
BSLi-08	360108	60	300	5	148	86	105	+	M6	BB16CL-B BTX14L BTX14HL BGZ16HL	BTX14L-BS	BB16L-B BB16CL-B
BSLi-09	360119	90	480	7.5	148	86	105	+	M6	BTZ12S BTZ14S BTZ16S BTX16H BTX20H BTX20CH BGZ20H	BTZ12S-BS BTZ14S-BS BTX16-BS BTX16-BS-1 BTX20-BS BTX20CH-BS BTX20A-BS	BB16-B BB16B-A/A1 HBB16A-A/AB BB18-A
BSLi-10	360118	90	480	7.5	148	86	105	+	M6	BTX20HL BTX24HL/ B50N18L-A/ A2/A3 BGZ20HL	BTX20L-BS BTX20HL-BS BTX24HL-BS	BB18L-A B50-N18L-A B50-N18L-A2/ A3/AT
BSLi-11	360111	96	440	8	165	86	130	+	M6	-	-	B60-N30-A 53034
BSLi-12	360112	96	560	8	165	86	130	+	M6	BIX30L BIX30HL 53030 BGZ32HL	BIX30L-BS	BB30L-B BB30CL-B B60-N30L-A 12N24-3A 52515 53030
BSLi-13	360113	96	560	8	183	79	170	+	M6	51913	-	51913 51814
BSLi-14	360114	36	210	3	114	70	105	+	M6	Replacement for Honda original equipment HY110		

LITHIUM MAX

INNOVATION FOR MAXIMUM PERFORMANCE

Designed to offer maximum performance thanks to highly reduced weight, low self-discharge, much longer battery life. The Lithium Max battery range is specially developed to meet the superior needs of off-road motorcycles, V-Twins, ATVs, UTVs and SSVs.



MAX

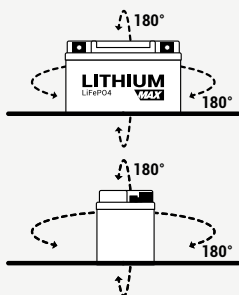
- READY TO USE**
Just plug & play.
- LIGHTER WEIGHT**
Up to 70% lighter than Lead Acid batteries.
- EXTENSIVE CYCLE LIFE**
Over 2 000 cycles.
- HEAT RESISTANCE**
Up to 230°C.
- ROBUST BRASS TERMINALS**
To enhance electrical performance.
- STATE OF CHARGE INDICATOR**
Monitor the state of charge with the indicator screen on the top.
- HIGHEST STARTING POWER**
Up to 900A.
- HIGHEST CAPACITY**
Up to 2 times that of the Lithium range.



Note: lithium motorcycle batteries can't be charged over 15V and require a specific charger for lithium technology.

MOUNTING ANGLES

HIGH INCLINATION



COMPATIBLE CHARGERS

BS 10
Battery size up to 20Ah

BS 30
Battery size up to 60Ah

BK 20
Battery size up to 40Ah

DID YOU KNOW?

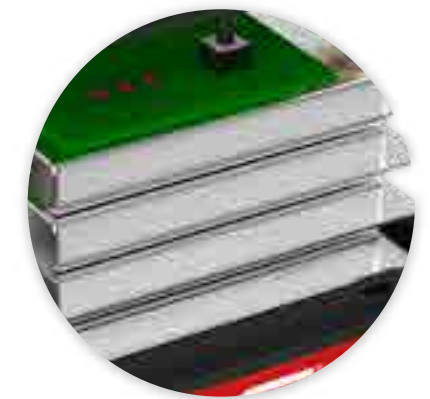
Our BSLi-10 Max & BSLi-12 Max battery casings are designed to fit with original Lead Acid batteries no spacers are required.

Lithium batteries exceeding 100Wh must be shipped as dangerous goods. Our Lithium Max batteries are packaged with UN mastercarton according to international transportation standards.

LITHIUM
LiFePO4 **MAX**

12V - TECHNICAL FEATURES

BS TYPE	BS CODE	POWER (Wh)	CCA (A)	CAPACITY AH (10Hr)	DIMENSIONS (±2mm)			POLARITY	TERMINAL	REPLACEMENT - MOST POPULAR MODELS	
					L	W	H			LITHIUM	SLA/SLA MAX
BSLi-02 MAX	360115	36	180	3	114	70	85	⊖ ⊕	M5	BSLi-02	12N5.5-3B BB4L-B BB5L-B BB7C-A BB7L-B2 BTX4L+/BTZ5S BTX5L/BTZ6S BTZ7S BTX7L BTZ7V BTZ8V
BSLi-10 MAX	360116	180	750	15	175	87	155	⊖ ⊕	M6	BSLi-10	BGZ20HL BTX20HL BTX24HL/B50N18L-A/A2/A BTX20L-BS BTX20HL-BS BTX24HL-BS BB18L-A
BSLi-12 MAX	360117	216	900	18	166	127	175	⊖ ⊕	M6	BSLi-12	BGZ32HL BIX30L BIX30HL BIX30L-BS BB30L-B 53030



LARGER POUCH CELLS
For enhanced CCA, capacity and higher performance.



SLA

READY TO START

Ready to use, SLA batteries (AGM technology) are Factory Activated, completely spill-proof, and require **no maintenance**. Our SLA offer is the **widest ready to use range** available on the market.



SLA
FACTORY ACTIVATED

6V & 12V - TECHNICAL FEATURES

BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BTZ7S	300635	6	6.3	130	113	70	105	⊖ ⊖ ⊖ ⊖ ⊕	A
BT7B-4	300641	6.5	6.8	110	150	65	93	⊕ ⊖ ⊖ ⊖ ⊖	A
BTZ7V	300912	6.5	6.8	105	113	70	121	⊖ ⊖ ⊖ ⊖ ⊕	A
BTZ8V	300890	7	7.4	120	113	70	130	⊖ ⊖ ⊖ ⊖ ⊕	A
BT9B-4	300642	8	8.4	120	150	68	105	⊕ ⊖ ⊖ ⊖ ⊖	A
BTZ10S	300636-1	8.6	9	190	150	88	93	⊕ ⊖ ⊖ ⊖ ⊖	A
BT12-10Z	300913	10	10.5	180	194	59	112	⊕ ⊖ ⊖ ⊖ ⊖	A
BTZ12S	300637-1	11	11.6	215	150	88	110	⊕ ⊖ ⊖ ⊖ ⊖	A
BT12B-4	300643	10	10.5	210	150	69	130	⊕ ⊖ ⊖ ⊖ ⊖	A
BTZ14S	300638-1	11.2	11.8	230	150	88	110	⊕ ⊖ ⊖ ⊖ ⊖	A
BT14B-4	300644	12	12.6	210	150	69	145	⊕ ⊖ ⊖ ⊖ ⊖	A
SLA 12-19	300632	17.7	19	235	182	77	168	⊖ ⊖ ⊖ ⊖ ⊕	A
BT4B-5	300756	2.3	2.4	40	113	38	85	⊖ ⊖ ⊖ ⊖ ⊕	J
BTR4A-5	300667	2.3	2.4	35	113	48	85	⊕ ⊖ ⊖ ⊖ ⊖	I
BTX4L+BTZ5S	300669	4	4.2	65	113	70	85	⊖ ⊖ ⊖ ⊖ ⊕	A
BTX5L+BTZ6S	300670	5	5.3	90	113	70	105	⊖ ⊖ ⊖ ⊖ ⊕	A
BTX6.5L	300904	6.5	6.8	85	139	66	100	⊖ ⊖ ⊖ ⊖ ⊕	B
BTX7L	300673	6	6.3	100	113	70	130	⊖ ⊖ ⊖ ⊖ ⊕	A
BTX7A	300672	6	6.3	105	150	87	93	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX9	300674	8	8.4	135	150	87	105	⊕ ⊖ ⊖ ⊖ ⊖	A
BT12A	300679	10	10.5	175	150	87	105	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX12	300680	10	10.5	180	150	87	130	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX14	300681	12	12.6	200	150	87	145	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX14L	300760	12	12.6	200	150	87	145	⊖ ⊖ ⊖ ⊖ ⊕	A
BTX14AH/BB14-A2/B2	300758	14	14.7	210	135	90	164	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX14AHL/BB14L-A2/B2	300759	14	14.7	210	135	90	164	⊖ ⊖ ⊖ ⊖ ⊕	D
BTX16	300763	14	14.7	230	150	87	161	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX20CH	300766	18	18.9	270	150	87	161	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX20H	300688	18	18.9	310	175	87	155	⊕ ⊖ ⊖ ⊖ ⊖	A
BTX20HL	300689	18	18.9	310	175	87	155	⊖ ⊖ ⊖ ⊖ ⊕	A
BTX24HL/B50-N18L-A/A2/A3	300770	21	22.1	350	205	87	162	⊖ ⊖ ⊖ ⊖ ⊕	A
BIX30L	300631	30	31.6	400	165	125	175	⊖ ⊖ ⊖ ⊖ ⊕	A
12N5.5-3B	300840	5.5	5.8	70	135	60	130	⊖ ⊖ ⊖ ⊖ ⊕	A
12N5.5-4A/4B	300841	5.5	5.8	70	135	60	130	⊕ ⊖ ⊖ ⊖ ⊖	A
BB3L-A/B	300842	3	3.2	35	98	56	110	⊖ ⊖ ⊖ ⊖ ⊕	A
BB4L-B	300665	4	4.2	50	120	70	92	⊖ ⊖ ⊖ ⊖ ⊕	B
BB5L-B	300671	5	5.3	65	120	60	130	⊖ ⊖ ⊖ ⊖ ⊕	A
BB7-A	300850	8	8.4	120	135	75	133	⊕ ⊖ ⊖ ⊖ ⊖	B
BB7C-A	300843	8	8.4	80	129	89	114	⊖ ⊖ ⊖ ⊖ ⊕	A
BB7L-B2	300836	8	8.4	100	135	75	133	⊖ ⊖ ⊖ ⊖ ⊕	E
BB9-B	300675	9	9.5	120	135	75	139	⊕ ⊖ ⊖ ⊖ ⊖	A
BB10L-A2/B2	300677	11	11.6	120	133	90	145	⊖ ⊖ ⊖ ⊖ ⊕	A
BB12AL-A2	300837	12	12.6	150	134	80	161	⊖ ⊖ ⊖ ⊖ ⊕	B
BB12A-A/B	300881	12	12.6	150	134	80	161	⊕ ⊖ ⊖ ⊖ ⊖	A
BB14A-A2	300838	14	14.7	210	134	88	176	⊕ ⊖ ⊖ ⊖ ⊖	B
BB16AL-A2	300839	16	16.8	160	205	70	162	⊖ ⊖ ⊖ ⊖ ⊕	A
BB16CL-B	300771	19	20	230	175	100	175	⊖ ⊖ ⊖ ⊖ ⊕	F
53030	300880	30	31.6	300	178	123	166	⊖ ⊖ ⊖ ⊖ ⊕	C
6N4-2A/A-4	300916	4	4.2	25	71	71	93	⊖ ⊖ ⊖ ⊖ ⊕	-
6N6-3B/B-1	300917	6	6.3	50	95	55	117	⊖ ⊖ ⊖ ⊖ ⊕	B
B49-6	300918	10	10.5	80	91	83	159	⊖ ⊖ ⊖ ⊖ ⊕	B
B38-6A	300919	13	13.7	105	119	83	161	⊖ ⊖ ⊖ ⊖ ⊕	B
6N11A-1B/3A	300915	11	11.6	90	121	58	130	⊖ ⊖ ⊖ ⊖ ⊕	B
6N11A-4A	300914	11	11.6	90	121	58	130	⊖ ⊖ ⊖ ⊖ ⊕	B

- FACTORY ACTIVATED**
AGM (Absorbent Glass Mat) technology.
- READY TO USE**
Just plug & play.
- NO MAINTENANCE**
VRLA (Valve Regulated Lead Acid) design.
- SPILL-PROOF DESIGN**
Factory sealed & electrolyte held in a glass fiber mat.
- NO ACID HANDLING**
Very safe.
- HIGH STARTING POWER & EXTENDED CYCLE LIFE**



MOUNTING ANGLES

HIGH INCLINATION NON-SPILLABLE

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

DID YOU KNOW?

BS BATTERY SLA range can replace 95% of Maintenance Free and DRY batteries.

BS BATTERY SLA range is perfectly suitable for e-commerce (air freight, road or sea shipment).

TERMINAL TYPE	A	B	C	D	E	F	G	H	I	J

SLA MAX

READY TO START MAXIMUM POWER

Ready to use, SLA MAX batteries (AGM technology) are **Factory Activated, completely spill-proof**, and require **no maintenance**. Specially developed to meet the **superior needs of big-engine bikes offering maximum performance, maximum reliability and extended life.**



12V - TECHNICAL FEATURES

FOR HARLEY DAVIDSON - BGZ SERIES

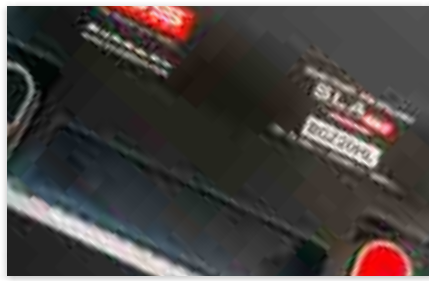
NEW

Developed to fit Harley Davidson bikes, SLA MAX BGZ series offer thus a maximum performance to big engine vehicles with high requirements and with a lot of electronic equipments.

BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL	REPLACEMENT - MOST POPULAR MODELS	
					L	W	H			SLA / SLA MAX	MF / DRY
BGZ16H	300931	16	16.8	240	150	88.5	145	+	BTX14H BTX14	BTX14-BS	
BGZ16HL	300932	16	16.8	240	150	88.5	145	-	BTX14HL BTX14L	BTX14L-BS	
BGZ20H	300933	20	21.1	320	176	89	157	+	BTX20H	BTX20-BS	
BGZ20HL	300934	20	21.1	320	176	89	157	-	BTX20HL	BTX20L-BS BTX20HL-BS BB18L-A	
BGZ32HL	300935	32	33.7	500	170	132	175	-	BIX30HL BIX30L	BIX30L-BS BB30L-B	

MAX

- FACTORY ACTIVATED**
AGM (Absorbent Glass Mat) technology.
- READY TO USE**
Just plug & play.
- NO MAINTENANCE**
VRLA (Valve Regulated Lead Acid) design.
- SPILL-PROOF DESIGN**
Factory sealed & electrolyte held in a glass fiber mat.
- NO ACID HANDLING**
Very safe.
- EXTREME VIBRATION RESISTANCE**
Reinforced battery case.
- MAXIMUM STARTING POWER & EXTENDED CYCLE LIFE**
20% higher than SLA CCA.
- SUPERIOR CAPACITY**
20% higher than SLA capacity.



BUILT-IN COPPER NUTS
Enhanced conductivity (up to 50% more than standard terminal) & improved max torque strength (up to 13N.m).



FRONT & TOP CONNECTIONS
Designed to facilitate the mounting on Heavy Duty motorcycles.



TALLER PLATES
For enhanced CCA & Capacity.

FOR BMW

Developed to fit BMW's latest bikes, these SLA MAX models are designed to offer maximal performance with increased capacity and high starting power.

BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BTX14H*	300887	14	14.7	220	150	87	145	+	+
BTX16H*	300896	14	16	250	150	87	161	+	+
51913	300860	21	22	275	182	82	171	-	+

FOR POLARIS & INDIAN

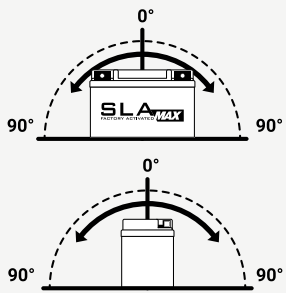
Developed to fit Indian's latest bikes, SLA MAX BTX14AH provides increased power, extended life and maximum reliability.

BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BTX14AH*	300863	13	13.7	240	134	89	164	+	+

* Models manufactured and designed according to OEM specifications

MOUNTING ANGLES

**HIGH INCLINATION
NON-SPILLABLE**



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

DID YOU KNOW?

SLA MAX range is a perfect solution for ATV, UTV, SSV, watercraft & snowmobile too!

BS BATTERY SLA MAX range is suitable for e-commerce (air freight, road or sea shipment).

MF

MAINTENANCE FREE

Supplied with an acid pack, MF batteries (AGM technology) must be activated by filling the acid before the first use. Totally sealed once activated, the gas recombination technology doesn't require maintenance or any water refilling.



ORIGINAL EQUIPMENT
OEM
MANUFACTURER

MF
BATTERY

12V - TECHNICAL FEATURES



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

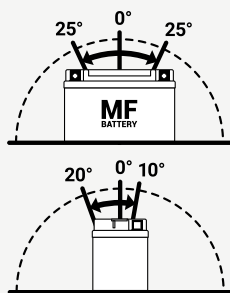
No need to be recharged while stocked (if not activated).



*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 60
Battery size up to 120Ah

BK 20
Battery size up to 40Ah

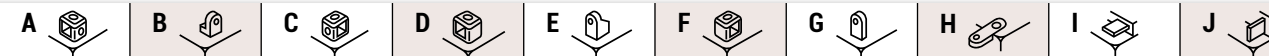
DID YOU KNOW?

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
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



DRY CONVENTIONAL

DRY batteries are Lead Acid flooded batteries that **must be filled before the first use with a periodic maintenance.** These conventional batteries are perfectly suitable for entry-level powersport vehicles with standard requirements.



TO BE ACTIVATED

DRY-charged technology.



ACID PACK INCLUDED

For initial filling.



PERIODIC MAINTENANCE

Refilled with water if necessary.



HANDLE WITH CARE TO PREVENT ACID SPILLAGE



LONG SHELF LIFE

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



INTERNAL GAS EMISSION THROUGH VENTING HOLE

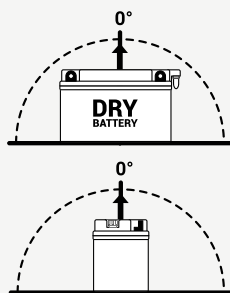


WIDE VARIETY OF 6V & 12V MODELS



MOUNTING ANGLES

UPRIGHT INCLINATION ONLY



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

DID YOU KNOW?

Since February 1st, 2021, the regulation (EU) 2019/1148 prohibits the sale of acid batteries to the public in Europe.

As they are not activated (dry-charged), DRY batteries can be stored for several years.

DRY BATTERY

12V - TECHNICAL FEATURES

BS BATTERY TYPE HIGH PERFORMANCE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BB2.5L-C	310729	2.5	2.6	20	80	70	105		-
BB3L-A	310589	3	3.2	30	98	56	110		B
BB3L-B	310588	3	3.2	30	98	56	110		B
BB4L-B	310590	4	4.2	50	120	70	92		A
BB4L-A	310661	4	4.2	50	120	70	92		A
BB5L-B	310591	5	5.3	65	120	60	130		B
BB6.5L-B	310732	6.5	7	65	138	73	107		B
BB7B-B	310662	7	7.4	85	150	60	130		B
BB7-A	310592	8	8.4	105	135	75	133		B
BB7C-A	310593	8	8.4	85	130	90	114		E
BB7L-B	310594	8	8.4	85	135	75	133		B
BB7L-B2	310595	8	8.4	85	135	75	133		A
BB9-B	310596	9	9.5	115	135	75	139		B
BB9L-B	310599	9	9.5	115	135	75	139		B
BB9L-A2	310598	9	9.5	100	135	75	139		A
BB9A-A	310597	9	9.5	100	135	75	155		B
BB10L-A2	310556	11	11.6	130	135	90	145		D
BB10L-B	310555	11	11.6	130	135	89	145		B
BB10L-B2	310557	11	11.6	130	135	90	145		D
BB10L-BP	310558	11	11.6	165	135	89	145		B
BB10A-A2	310660	11	11.6	160	135	89	155		D
BB12A-A	310561	12	12.6	155	134	81	160		B
BB12A-B	310562	12	12.6	155	134	81	160		B
BB12AL-A/A2	310564	12	12.6	155	134	80	160		B
BB12C-A	310566	12	12.6	155	134	80	175		A
BB14-A2	310567	14	14.7	175	134	89	166		D
BB14-B2	310568	14	14.7	175	134	89	166		D
BB14L-A	310778	14	14.7	190	134	89	166		B
BB14L-A2	310569	14	14.7	175	134	89	166		D
BB14L-B2	310570	14	14.7	175	134	89	166		D
SBB14L-A2	310575	14	14.7	175	134	89	166		D
SBB14L-B2	310741	14	14.7	175	134	89	166		D
BB14A-A2	310571	14	14.7	175	134	89	176		D
BB16-B	310577	19	20	215	175	100	155		B
BB16L-B	310578	19	20	215	175	100	155		B
BB16HL-A-CX	310822	19	20	255	175	100	155		B
BB16B-A	310580	16	16.8	210	160	90	161		A
BB16B-A1	310581	16	16.8	210	160	90	161		C
BB16AL-A2	310576	16	16.8	210	207	71.5	164		F
HBB16A-A/AB	310582	16	16.8	210	151	91	180		C

TERMINAL TYPE



TECHNICAL FEATURES - 12V



6V - TECHNICAL FEATURES

12V	BS BATTERY TYPE HIGH PERFORMANCE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
						L	W	H		
	BB16CL-B	310579	19	20	250	175	100	175		A
	B50-N18L-A/A2/12N18-3A	310547	20	21.1	250	205	90	162		C
	B50-N18L-A3	310548	20	21.1	250	205	90	162		A
	SB50-N18L-AT	310656	20	21.1	250	205	90	162		C
	B50-N18A-A	310657	20	21.1	250	205	90	176		C
	BB18-A	310585	18	18.9	235	180	90	162		C
	BB18L-A	310586	18	18.9	235	180	90	162		C
	BB18L-A2	310727	18	18.9	235	180	90	162		C
	B60-N24-A	310551	28	29.5	280	184	124	175		G
	B60-N24L-A	310658	28	29.5	280	184	124	175		G
	B60-N24AL-B	310550	28	29.5	280	184	124	175		G
	B60-N30L-A	310554	30	31.6	300	184	130	170		G
	BB30L-B	310552	30	31.6	300	165	130	176		A
	BB30CL-B	310553	30	31.6	300	165	130	192		A
	BHD-12	310601	29	29.5	280	205	130	165		H
	51814	310545	-	19	210	186	82	171		-
	51913	310542	-	19	210	186	82	171		-
	52515	310543	-	30	300	184	130	170		G
	53030	310544	-	30	300	184	130	170		G
	53034	310659	-	31	300	184	130	170		G

12V	BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
						L	W	H		
	12N5-3B	310533	5	5.3	40	120	61	130		B
	12N5.5-3B	310529	5.5	5.8	55	135	60	130		B
	12N5.5-4A	310530	5.5	5.8	55	135	60	130		F
	12N5.5-4B	310531	5.5	5.8	55	135	60	130		B
	12N5.5A-3B	310532	5.5	5.8	55	103	90	114		-
	12N6.5-3B	310901	6.5	6.8	55	137	66	100		B
	12N7-3A	310795	7	7.4	75	135	75	133		B
	12N7-3B	310534	7	7.4	75	135	75	133		B
	12N7-4A	310645	7	7.4	75	135	75	133		B
	12N7-4B	310535	7	7.4	75	135	75	133		B
	12N7A-3A	310800	7	7.4	70	150	60	130		B
	12N7A-4A	310902	7	7.4	70	150	60	130		B
	12N9-3B	310538	9	9.5	85	135	75	139		B
	12N9-4B-1	310537	9	9.5	85	135	75	139		B
	12N12A-4A-1	310527	12	12.6	120	134	81	160		B
	12N14-3B	310772	14	14.7	135	134	89	166		D

TERMINAL TYPE	A	B	C	D	E	F	G	H	I	J

6V	BS BATTERY TYPE	BS CODE	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA A (-18°C)	DIMENSIONS (±2mm)			ASSEMBLY LAYOUT	TERMINAL
						L	W	H		
	6N2A-2C	310508	2	2.1	-	70	47	96		-
	6N4-2A	310509	4	4.2	-	71	71	96		-
	6N4-2A-2	310708	4	4.2	-	71	71	96		-
	6N4-2A-3	310709	4	4.2	-	71	71	96		-
	6N4-2A-4	310510	4	4.2	-	71	71	96		-
	6N4-2A-6	310710	4	4.2	-	71	71	96		-
	6N4-2A-7	310512	4	4.2	-	71	71	96		-
	6N4-2A-8	310711	4	4.2	-	71	71	96		-
	6N4A-4D	310513	4	4.2	-	61	57	130		-
	6N4B-2A	310514	4	4.2	-	102	48	96		-
	6N4B-2A-3	310515	4	4.2	-	102	48	96		-
	6N4B-2A-4	310714	4	4.2	-	102	48	96		-
	6N4B-2A-5	310705	4	4.2	-	102	48	96		-
	6N6-3B	310518	6	6.3	-	99	57	111		B
	6N6-3B-1	310519	6	6.3	-	99	57	111		B
	6N6-1D-2	310517	6	6.3	-	99	57	111		-
	B49-6	310522	10	10.5	-	91	83	160		B
	B38-6A	310520	13	13.7	-	119	83	161		B
	6N11-2D	310503	11	11.6	-	150	70	100		B
	6N11A-1B	310501	11	11.6	-	122	62	131		B
	6N11A-4	310646	11	11.6	-	122	62	131		B
	6N11A-3A	310500	11	11.6	-	122	62	131		B
	6N11A-4A	310502	11	11.6	-	122	62	131		B
	B54-6 (6N12A-2C)	310523	12	12.6	-	156	57	116		B
	B54-6A (6N12A-2D)	310504	12	12.6	-	156	57	116		B
	6BB8L-B	310806	8	8.4	-	120	70	95		B

Non-exhaustive list.

DID YOU KNOW?

95% of DRY batteries can be replaced by our SLA battery range.

DRY 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.

UPGRADE CROSS REFERENCE CHART

DRY	MF	SLA	SLA MAX	LITHIUM
	BTZ5S/BTX4L-BS+	BTZ5S/BTX4L+		BSLi-02 ; BSLi-02 MAX
		BTZ6S/BTX5L		BSLi-02 ; BSLi-02 MAX
	BTZ7S-BS	BTZ7S		BSLi-02 ; BSLi-02 MAX
	BT7B-BS	BT7B-4		BSLi-03
		BTZ7V		BSLi-02 ; BSLi-02 MAX
		BTZ8V		BSLi-02 ; BSLi-02 MAX
	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 MAX	BSLi-13
	BT4B-BS	BT4B-5		
	BTR4A-BS	BTR4A-5		
	BTX4L-BS+/BTZ5S-BS	BTX4L+/BTZ5S		BSLi-02 ; BSLi-02 MAX
	BTX5L-BS	BTX5L/BTZ6S		BSLi-02 ; BSLi-02 MAX
		BTX6.5L		BSLi-02 ; BSLi-02 MAX
	BTX7L-BS	BTX7L		BSLi-02 ; BSLi-02 MAX
	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 MAX ; BGZ16 MAX	BSLi-04/06
	BTX14L-BS	BTX14L	BGZ16HL MAX	BSLi-08
BB14-A2 (12N14-4A) ; BB14-B2 BB14L-A2 (12N14-3A) ; BB14L-B2	BTX14AH-BS	BTX14AH/BB14-A2/B2	BTX14AH MAX	BSLi-04/06
	BTX14AHL-BS	BTX14AHL/BB14L-A2/B2		BSLi-05
	BTX16-BS	BTX16	BTX16H MAX	BSLi-09
	BTX20-BS	BTX20H	BGZ20H MAX	BSLi-09
	BTX20CH-BS ; BTX20A-BS	BTX20CH		BSLi-09
BB18L-A	BTX20L-BS ; BTX20HL-BS	BTX20HL	BGZ20HL MAX	BSLi-10 ; BSLi-10 MAX
B50-N18L-A/A2/A3	BTX24HL-BS	BTX24HL/B50-N18L-A/A2/A3		BSLi-10 ; BSLi-10 MAX
BB30L-B	BIX30L-BS	BIX30L	BGZ3ZHL MAX	BSLi-10 ; BSLi-10 MAX
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 MAX
12N5.5-4A ; 12N5.5-4B		12N5.5-4A/4B		
BB3L-A ; BB3L-B		BB3L-A/B		BSLi-01
BB4L-B		BB4L-B		BSLi-02 ; BSLi-02 MAX
BB5L-B (12N5-3B)		BB5L-B		BSLi-02
BB7-A (12N7-4A)		BB7-A		BSLi-03
BB7C-A		BB7C-A		BSLi-02 ; BSLi-02 MAX
BB7L-B (12N7-3B) ; BB7L-B2		BB7L-B2		BSLi-02 ; BSLi-02 MAX
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 MAX	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 MAX
B50-N18L-A/A2/A3	BTX24HL-BS	B50-N18L-A/A2/A3/BTX24HL		BSLi-10 ; BSLi-10 MAX
53030		53030		BSLi-12 ; BSLi-12 MAX

BATTERY FINDER



BATTERY FINDER

Find the right BS BATTERY for your vehicle on our website

bs-battery.com

PACKAGING INFORMATION GUIDE

LITHIUM
LiFePO4
LITHIUM
LiFePO4 **MAX**



SLA
FACTORY ACTIVATED
SLA
FACTORY ACTIVATED **MAX**



MF
BATTERY



DRY
BATTERY



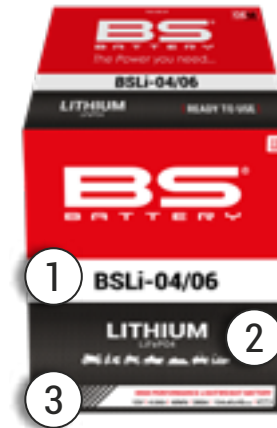
① Battery designation ② Battery range ③ Technical specifications

④ Battery polarity ⑤ Lead acid battery type replacement

⑥ Acid sulfuric manual ⑦ **Limited quantity label:** refers to any hazardous goods shipped in small containers and packed in boxes. It means that safety is assured

PACKAGING INFORMATION GUIDE

LITHIUM
LiFePO4
LITHIUM
LiFePO4 **MAX**



SLA
FACTORY ACTIVATED
SLA
FACTORY ACTIVATED **MAX**



MF
BATTERY



DRY
BATTERY



INSTRUCTION MANUAL

SCAN ME

FR INSTRUCTIONS DE MONTAGE
DE BEDIENUNGSANLEITUNG
ES MANUAL DE INSTRUCCIONES
IT LIBRETTO D'ISTRUZIONI
PT MANUAL DE INSTRUÇÕES
NL INSTRUCTIE HANDLEIDING
PL INSTRUKCJA OBSŁUGI
GR ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ
RU ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ

NEW
QR CODE
FOR DIGITAL INSTRUCTIONS

Direct access to our website's download area, where you can access and download all the necessary instructions digitally.

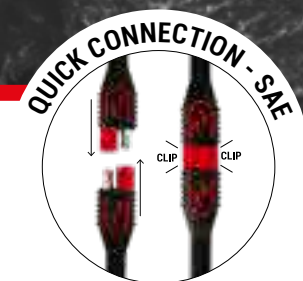
CHARGER SELECTION CHART



BATTERY TECHNOLOGY	AUTO-DETECT LEAD ACID & LITHIUM			LEAD ACID	
BATTERY VOLTAGE (V)	6 & 12	12	6 & 12	12	
BATTERY CAPACITY (Ah)	UP TO 20	UP TO 60	UP TO 40	UP TO 30	UP TO 120
BATTERY CAPACITY FOR MAINTENANCE (Ah)	UP TO 40	UP TO 120	UP TO 80	UP TO 60	UP TO 180
CHARGING CURRENT (A)	1	3	3x 2	1.5	1 - 4 - 6
CHARGING PROGRAM	9 STAGES		10 STAGES	8 STAGES	9 STAGES
RECONDITIONING FUNCTION	NO		YES	YES	
USERS TYPE	FOR END-USERS	FOR END-USERS	FOR PROFESSIONALS	FOR END-USERS	FOR END-USERS
GOOD TO KNOW	WALL MOUNT CONNECTION	MULTIAXIS HOOK	DISPLAY PARTS (OPTION page 48)	MULTIAXIS HOOK	WALL MOUNT FIXATION
SUITABLE FOR					

BS 10

SMART BATTERY CHARGER & MAINTAINER



BS Code: 700516

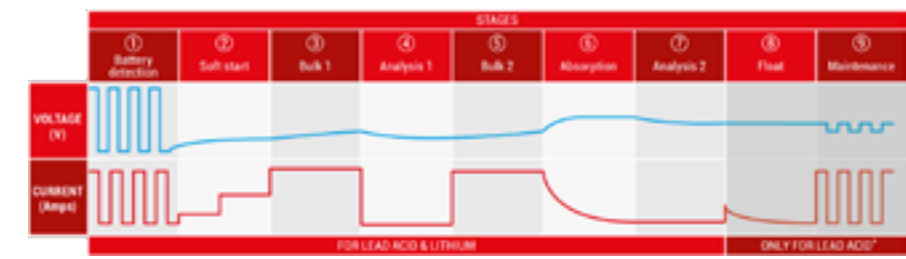
BS 10 LEAD ACID & LITHIUM 6V/12V - 1A

- > Auto detect Lead Acid or Lithium technology.
- > 6V & 12V mode selection.
- > Zero overcharge: adaptable charging algorithm Lead Acid & Lithium (LiFePO4).
- > Safe: connection spark-free, reverse polarity, short circuit and internal overheat protection.
- > Easy to use: connect, select battery voltage & forget.
- > Battery capacity: up to 20Ah.

BOX CONTENT



CHARGING CURVE - 9 STAGES



*Adaptable charging algorithm for Lithium= No float & maintenance stages. Once the battery is fully charged, the charge is stopped.



BS 30

SMART BATTERY CHARGER & MAINTAINER



BS Code: 700566

BOX CONTENT



BS 30

LEAD ACID & LITHIUM
12V - 3A

- > Auto detect Lead Acid or Lithium technology.
- > Zero overcharge: adaptable charging algorithm Lead Acid & Lithium (LiFePO4).
- > Safe: connection spark-free, reverse polarity, short circuit and internal overheat protection.
- > Easy to use: connect & forget.
- > Multiaxis hook.
- > Battery capacity: up to 60Ah.

CHARGING CURVE - 9 STAGES



*Adaptable charging algorithm for Lithium= No float & maintenance stages. Once the battery is fully charged, the charge is stopped.

BK 20

SMART BANK BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION



BS Code: 700547

BOX CONTENT



BK 20

LEAD ACID & LITHIUM
6V/12V - 3X 2A

- > Charges and maintains 3 batteries with different voltages and technologies at once.
- > Auto detect Lead Acid or Lithium technology.
- > Zero overcharge: adaptable charging algorithm Lead Acid & Lithium (LiFePO4).
- > Force mode function: to activate low voltage "dead" Lead Acid battery or wake up "dead" LiFePO4 battery.
- > Safe: connection spark-free, reverse polarity, short circuit and internal overheat protection.
- > Easy to use: connect, select battery voltage & forget.
- > 6V & 12V mode selection.
- > Battery capacity: up to 40Ah.

CHARGING CURVE - 10 STAGES



*Only if force mode is selected:
- For Lead Acid: reconditioning stage.
- For Lithium: wake-up stage.

**Adaptable charging algorithm for Lithium= No float & maintenance stages. Once the battery is fully charged, the charge is stopped.



DID YOU KNOW?

CHARGING STATION

Build your own Charging Station to charge and maintain 6 batteries at once!
Refer to page 48

- BATTERY DISPLAY 900075
- + ASSEMBLY PART 700548
- + CHARGER BK 20 700547



BS 15

SMART BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION



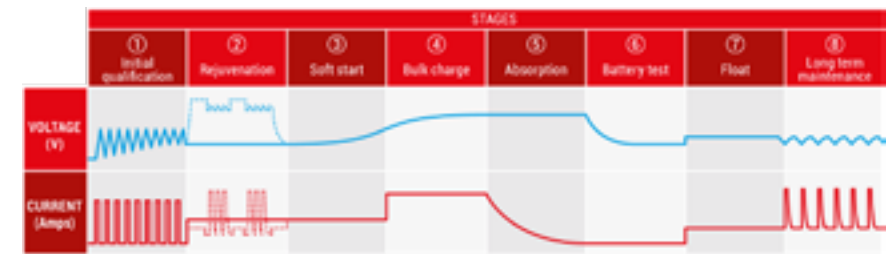
BS Code: 700565



BS 15 LEAD ACID 12V - 1.5A

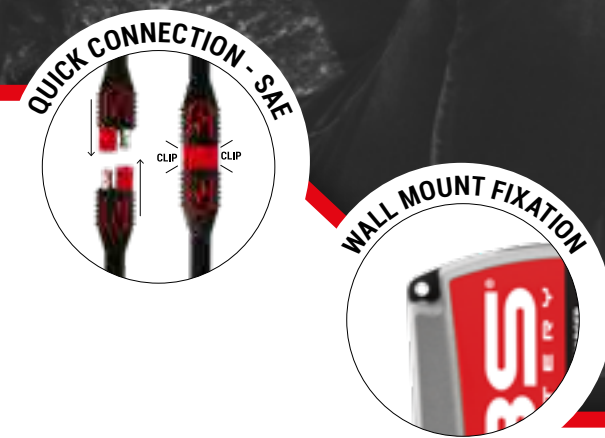
- > Suitable for Lead Acid batteries.
- > Reconditioning function for deeply discharged batteries.
- > Ideal for charging during the winter season.
- > Safe: connection spark-free, reverse polarity, short circuit and internal overheat protection.
- > Easy to use: connect & forget.
- > Multiaxis hook.
- > Battery capacity: up to 30Ah.

CHARGING CURVE - 8 STAGES



BS 60

SMART BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION



BS Code: 700532

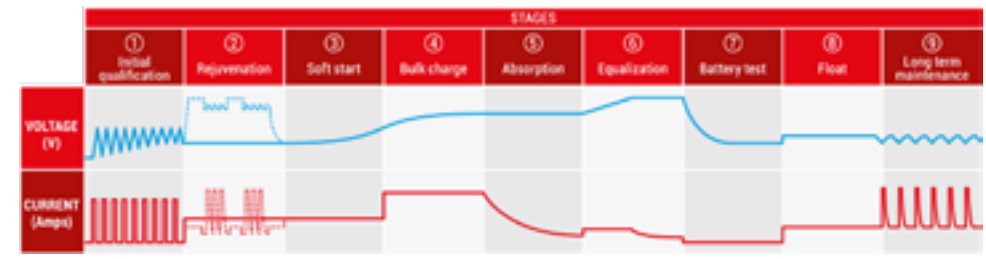
BS 60 LEAD ACID 12V - 1/4/6A

- > Suitable for Lead Acid batteries.
- > Reconditioning function for deeply discharged batteries.
- > Selectable battery type (Calcium, Gel, AGM) and charge rate (1A/4A/6A).
- > Automatic battery condition diagnosis
- > Safe: connection spark-free, reverse polarity, short circuit and internal overheat protection.
- > Easy to use: connect, select battery type charge rate & forget.
- > Battery capacity: up to 120Ah.



BOX CONTENT

CHARGING CURVE - 9 STAGES



PB 02 BOOSTER

Get back on the road in no time thanks to our ultra compact and powerful battery jump starter!
The Power Box is versatile to safely jump start battery on all vehicles, charge and recharge USB devices including 3 light modes in case of emergency. Ultra safe, our booster PB 02 is delivered with a smart cable to ensure spark-proof connection and reverse polarity protection. Thanks to a compact and lightweight conception, you can easily you can easily insert your PB 02 inside a motorcycle trunk, glove box, or adventurer backpack.

BS Code: 700559



▶ BOOSTER

600A **1200A**
Start current Start peak current

SUITABLE FOR



GAS 7.0L
engines up to 7000cc

DIESEL 6.0L
engines up to 6000cc

BOX CONTENT



International plugs available on request

1x Micro USB cable 1x Lightning cable 1x USB C cable

BOOSTER 1200A & POWER SUPPLY & FLASHLIGHT

- ▶ Compact & powerful booster rated at 1200A.
- ▶ Suitable for 12V Lead Acid battery only.
- ▶ Up to 20 jump starts in one charge.
- ▶ Designed for gas (7.0L) and diesel (6.0L) engines.
- ▶ Very safe: smart cable with spark-proof connection and reverse polarity protection.
- ▶ Power supply for all USB devices when you need them most.
- ▶ LED flashlight function with 3 modes.
- ▶ LCD display with state of charge indication and output ports used.
- ▶ Comes with a storage case, smart jump lead, lightning cable, Micro USB cable, USB C cable, 12V car charger and 12V home charger.

BATTERY COMPATIBILITY



▶ POWER SUPPLY

Recharge your mobile, tablet or any other device thanks to the USB port.

SUITABLE FOR



UNIVERSAL PLUGS

EASY TO CHARGE & RECHARGE!



▶ LED FLASHLIGHT

3 LIGHT MODES:

- ▶ CONSTANT LIGHT
- ▶ STROBE
- ▶ SOS

TRAINING PROGRAM

Training plays a vital part in our business success, that's why we developed **BS BATTERY ACADEMY**: a comprehensive training program to enhance technical skills and make a significant difference to our partners' growth and profitability.

- > SALES & TECHNICAL TRAININGS
- > FOR DISTRIBUTORS OR DEALERS
- > 100% CUSTOMIZED PROGRAMS
- > IN-PERSON OR ONLINE
- > LED BY DEDICATED EXPERTS



For more details, please contact your BS BATTERY Team.

RACING PROGRAM

Engaging our partners through our shared passion for racing is an opportunity to immerse them in the world of speed, precision, and excellence while mirroring our commitment to delivering top-notch products and services.



- > VIP HOSPITALITY
- > PADDOCK ACCESS
- > PILOTS & TEAMS MEETING
- > FOR TOP SALES REPS, TOP DEALERS
- > BUSINESS ACTIVATION:
INCENTIVES
SALES CHALLENGES
CONTESTS

From FIM MotoGP to World Superbike and MXGP, we offer immersive racing experiences that create unforgettable moments, leaving a lasting impact on our partners long after the event.



BATTERY FINDER

Our 24/7 BATTERY FINDER app is available on our website.
Scan the QR code to find the perfect power solution.

Find the right battery in seconds for your:



Moto



Scooter



ATV/UTV/SSV



Watercraft



Snowmobile



Lawnmower



Robot



SCAN HERE



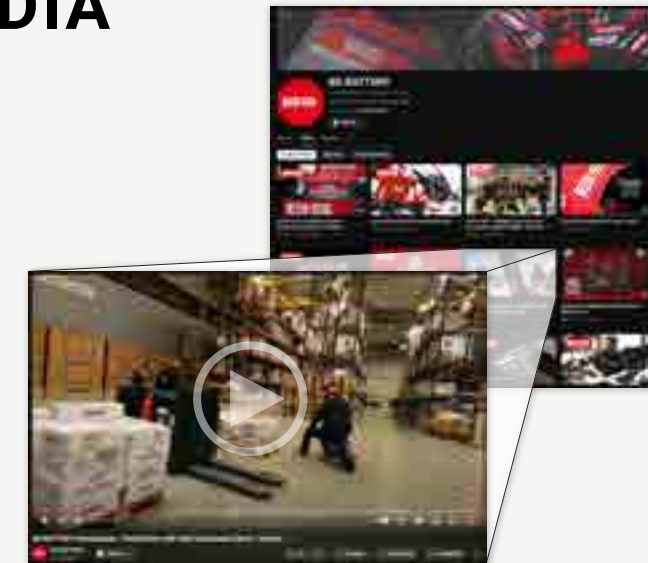
SOCIAL MEDIA

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@bsbattery

@bs-battery



FOLLOW US!

NEWS

Read all our latest news about products, racing, events:
go on bs-battery.com -> "NEWS"



DOWNLOAD AREA

Looking for technical information (catalog, datasheets, manuals)
about BS BATTERY products?
Go on bs-battery.com -> "DOWNLOAD"



CHARGING STATION

POINT OF SALES MATERIALS

1 BATTERY DISPLAY

BS Code: 900075
This display allows the promotion of batteries, chargers, testers and booster.

Height: 1 740 mm
Width: 610 mm
Depth: 350 mm

2 SMART CHARGER BK 20

BS Code: 700547
Charges and maintains 3 batteries with different voltages and technologies at once.
Page 33

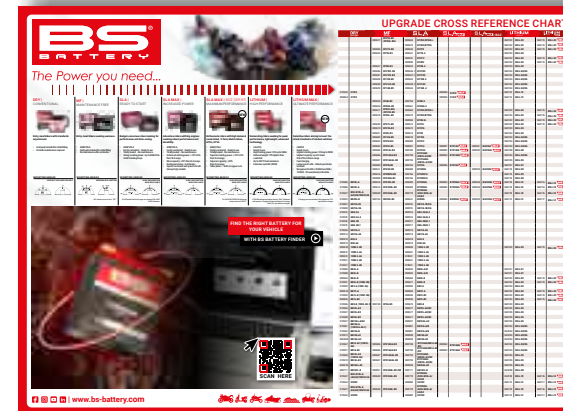
3 BK 20 FIXING ACCESSORY

BS Code: 700548
This accessory allows you to mount up to two BK 20 chargers on our battery display.



COUNTERMAT

On request
Dealers hands-on support with upgrade cross reference chart, battery range overview, and quick access to our fitment list (battery finder). Scratch-resistant matte laminate counter mat, non-skid rubber backing. For any interest, please contact your BS BATTERY Team.
Dimensions suggested: 400 x 550 mm (16x22" in) 1.5mm Thick (~1/16")



PEN (25pcs)

BS Code: 900053
Metal pen elegant with chrome accents, a rubber soft finish for touchscreens.



CATALOG POWERSPORT 2025

BS Code: 900080



STICKER BS OFFICIAL DEALER (10pcs)

BS Code: 900101
Red sticker with BS BATTERY logo and official dealer.
Dimensions: 70 x 130 mm



WELCOME CARPET

BS Code: 900108
Entrance carpet - oil and water resistant, non-slip backing, 100% polyamide, thickness to fit under any door.
Dimensions: 600 x 950 mm



CATALOG GARDEN 2024

BS Code: 900103



DEALER SUPPORT CLOTHES

DEALER SUPPORT ACCESSORIES

T-SHIRT FACTORY - BLACK

BS Code: 900122 to 900126
100 % Ringspun cotton 220 gr.
Size: S to XXL



T-SHIRT FACTORY - WHITE

BS Code: 900148 to 900152
100 % Ringspun cotton 220 gr.
Size: S to XXL



KEYRING (10pcs)

BS Code: 900107
Elastic band with a hook,
perfect for hanging keys.
Dimensions: 425 x 40 mm



UMBRELLA

BS Code: 900054
Elegant, strong and durable
with a racing look.
Automatic opening, foam rubber handle.
Dimensions:
Length: 100 mm | Diameter: 1 300 mm



BODYWARMER

BS Code: 900133 to 900137
Bodywarmer jacket with zipper. Zipped pockets on the front.
Collar with a soft finish.
Produced by Kenny.
Size: S to XXL



SOFTSHELL

BS Code: 900110 to 900114
Waterproof and windproof with membrane and inner fleece.
Elasticized lower body tightening. Wrist strap with Velcro.
Produced by Kenny.
Size: S to XXL



NECK WARMER (10pcs)

BS Code: 900132
Neck warmers offer style
and protection against cold.
It can be worn in multiple ways.
Dimensions: 500 x 260 mm



CAPS (5pcs)

BS Code: 900106
Cap with eyelets and
adjustments (plastic plaw).
Produced by KENNY. Adult size.





PADDOCK CARPET

BS Code: 900109
This carpet prevents fuel and lubricant spills when maintenance and repairs are carried out. FIM compliant, washable easily, non-slip backing, 100% polyamide ($\pm 2\ 500\ \text{g/m}^2$).
Dimensions: 950 x 2 200 mm



WINDFLAG

BS Code: 900139
Light and easy to carry
Ideal for shops, events, fairs...
Dimensions: 290 cm



TENT

On request
Easy to set up not inflatable,
ideal for racing events and exhibitions.
For any interest, please contact your BS BATTERY Team.
Dimensions suggested: 3 x 3 m



INFLATED TENT

On request
Durable and easy to set up inflatable tent,
ideal for outdoor events and exhibitions.
Any interest, please contact your BS BATTERY Team.



Scan to see our full collection

BST 1000 TESTER

The BST 1000 is a 12V Lead Acid & Lithium Battery Tester that offers a complete testing program including: battery test, charging test, alternator test, resistance test, voltage test and cranking test (CCA- cold cranking amps).

Designed for professionals, the BST 1000 is the perfect solution to check the health of your automotive or powersport battery in a few minutes!



BST 1000 EXPAND YOUR BATTERY'S LIFESPAN

BS Code: 700605

BOX CONTENT



LEAD-ACID & LITHIUM BATTERY TESTER

- > For Lead Acid (flooded, AGM flat or spiral, GEL, EFB) & lithium batteries.
- > For all 12V automotive or powersport batteries.
- > 5 battery tests: charging, alternator, resistance, voltage, cold cranking Amps tests.
- > Easy to read thanks to the large LCD screen.
- > Print function via PC printer.
- > Multiple languages: English, German, Spanish, French, Dutch & Italian.
- > Short circuit and polarity reverse protections.

APPLICATION



BATTERY COMPATIBILITY



FEATURES



Voltage test



Cranking test



Alternator test



Resistance test



Safe



Multi languages



Printing



Data storage

HOW TO CHECK YOUR MOTORCYCLE BATTERY CHARGE?

Understand your battery: distinguish between nominal voltage and actual voltage!

LEAD ACID BATTERY

- 13V → Top Condition - 100%
- 12.8V → Good battery - 75%
- 12.5V → Needs recharging - 50%
- 12.2V → Urgent recharge needed - 25%
- < 12V → Dead battery - 0%

LITHIUM BATTERY

- > 13.3V → Top Condition
- 13V - 12.8V → Needs Recharging
- 12.8V - 12.5V → Immediate Recharge Required
- 2.5V - 0V → Deep Discharge

HOW TO INTERPRET TEST RESULTS?

1. GOOD CONDITION

Battery Status: 96%	490 CCA
Charge Level: 98%	12.64 V
Internal Resistance: 6.1 mΩ	
Reference Base: 500 A	
Interpretation: good battery	

2. GOOD CONDITION REQUIRES RECHARGING

Battery Status: 78%	440 CCA
Charge Level: 30%	12.20 V
Internal Resistance: 7.2 mΩ	
Reference Base: 500 A	
Interpretation: good condition but needs recharging	

3. BATTERY CLOSE TO END NEEDS REPLACEMENT

Battery Status: 46%	230 CCA
Charge Level: 98%	12.64 V
Internal Resistance: 35 mΩ	
Reference Base: 500 A	
Interpretation: aging battery, needs replacement	

4. CHARGE AND RETEST

Battery Status: 39%	310 CCA
Charge Level: 20%	12.08 V
Internal Resistance: 15 mΩ	
Reference Base: 500 A	
Interpretation: charge the battery and retest	

5. DAMAGED BATTERY NEEDS REPLACEMENT

Battery Status: 0%	0 CCA
Charge Level: 20%	10.64 V
Internal Resistance: 45.2 mΩ	
Reference Base: 500 A	
Interpretation: defective battery, replace	

BT 02 & BT 03 TESTER

ACCESSORIES FOR CHARGER

BT 02

BS Code: 700512



BATTERY & ALTERNATOR TESTER

The BT 02 is a battery & alternator tester designed to save time on electrical issues: it gives an instant diagnosis.

- > For 12V Lead Acid batteries only.
- > Check alternator or battery's health.

BT 03

BS Code: 700517



BATTERY CONDITION INDICATOR WITH INTEGRATED LED

Designed for professionals and end-users, the BT 03 allows to check the state of charge of 12V Lead Acid batteries, with 3 integrated LED lights display diagnostic tool.

- > For 12V Lead Acid batteries only.
- > 3 LED indicators (green, orange, red) integrated directly into the eyelet connection.
- > Extra slim.

HOW TO EXPAND YOUR BATTERY'S LIFESPAN?

1. REGULARLY CHECK THE CONDITION OF YOUR BATTERY

- > Ensure connections are tight, with no loose or damaged wires.
- > Clean the terminals to prevent corrosion and ensure a good electrical connection.
- > Measure the voltage with a voltmeter. A healthy battery should indicate a voltage around 12.6 volts or more.

2. FIND THE RIGHT CHARGER

- > Ensure your charger is compatible with the battery technology (lead-acid or lithium).
- > Beware of cheap chargers that can damage the battery! Choose a charging current (A) suitable for the battery type and capacity.
- > For daily use: a minimum current of 1A a slow and safe charge.

3. AVOID DEEP DISCHARGES AND OVERVOLTAGES

- > Avoid complete discharges, as this reduces the battery's capacity and lifespan! Try to keep the charge above 50%.
- > For lithium batteries, check the regulator and maximum voltage of the motorcycle before installation! The voltage supplied by the motorcycle or charger should never exceed 15V.



NEW

PA 01

EYELET CONNECTOR TO SAE PLUG

This connection is the ideal solution if your battery is difficult to access, hidden or if you cannot use clamps. Just connect the eyelet terminals to the battery and charge normally. This accessory is compatible with all BS BATTERY chargers.

- > For all 12V vehicles and motorcycles batteries.
- > M6 eyelets terminals.
- > 3A Fuse.
- > Wire 61 cm (18AWG).
- > Safe & easy to connect.



PA 01 - 1 PC
BS Code: 700513



PA 01 - JAR (20 pcs)
BS Code: 700573

PA 02

BS Code: 700585

MV AGUSTA CONNECTOR TO SAE PLUG

Converts the battery charging connector (SAE) to the MV Agusta wiring harness plug (from 2010). This accessory is compatible with all BS BATTERY chargers.

- > Wire 61 cm (18AWG).
- > Safe & easy to connect.



NEW

CL 02

BS Code: 700535

BS CLAMPS TO SAE PLUG



AGM - ABSORBENT GLASS MAT

A separator technology used in sealed lead-acid batteries in which the glass-mat separator absorbs 100% of the electrolyte. Thanks to the immobilized electrolyte, an AGM battery will not leak or spill and does not require water addition.

ACID

Acid is sulphuric acid, used to describe the electrolyte or liquid contained in a battery's cells.

AMPERE - A or Amps

Unit of measurement for electric current.

AMPERE-HOUR - Ah or Amp Hr

The unit of measure to indicate the battery's capacity, obtained by multiplying the current in amps by the time in hours of discharge. Example for a battery delivering 1 Amp for 20 hours = 1 amp x 20 hours = 20 Ah.

CAPACITY

The ability to the ability of a fully charged battery to deliver a specified quantity of electricity (Ah) at a given rate (A) over a definite period of time (Hr). Example: a battery with 20Ah as capacity can deliver 5 Amp for 4 hours.

CCA - COLD CRANKING AMPS

A rating that is used to define the battery's ability to start an engine under low-temperature conditions (-18°C).

GAS RECOMBINATION

Recombination in a VRLA battery is the process in which hydrogen and oxygen gas, formed when charging, are recombined to liquid water. Gas recombination, thanks to the valve mechanism, allows lead batteries to be sealed (without water loss).

MF

Maintenance Free battery.

POLARITY

The particular state of a battery terminal, either positive (+) or negative (-). The positive battery terminal cap or positive charging cable are always red. The negative battery terminal cap or negative charging cable are always black.

SLA

Sealed Lead Acid battery.

SULFATION

The formation or deposit of lead sulfate on the lead plates surface of the batteries. If the sulfation become excessive, the battery won't operate efficiently and may not work at all.

TERMINALS

Electrical connection from the battery to the external circuit. Each terminal is connected to either the first (positive) or last strap (negative) in the series connection of cells in a battery.

VRLA

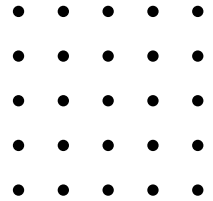
Valve Regulated Lead-Acid battery.

WATT HOUR - Wh

Unit of electrical energy equivalent to a power consumption of one watt for one hour. Multiplying a battery voltage (V) by the rated capacity (Ah) gives the battery energy in Wh. Example for a Lithium battery 12V - 4Ah = 12V x 4Ah = 48Wh.



THE POWER YOU NEED



    | www.bs-battery.com

OCT 2024