



The Power you need...

2026

SOLUTIONS
LAWN MOWER & GARDEN



BATTERY | CHARGER | BOOSTER | TESTER



400
BATTERY TYPES

80
COUNTRIES

2
PRODUCTION FACILITIES

6
BRANCHES

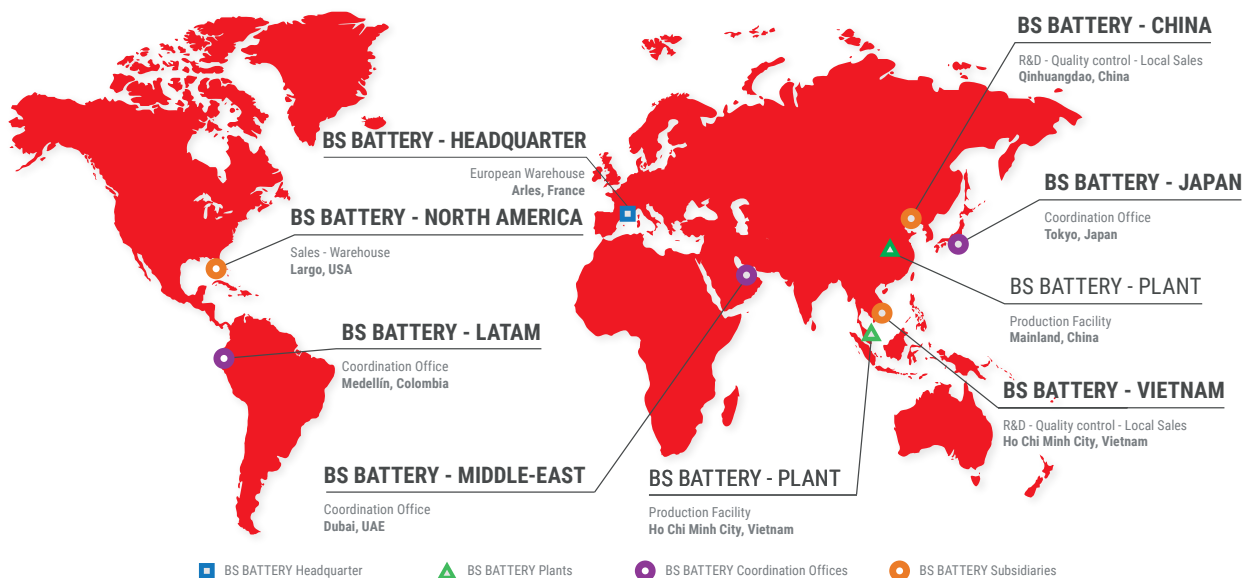
+30
OEM - OES

ABOUT US

At BS BATTERY, we craft ingenious battery solutions designed for all powersport applications – from the racetrack to everyday rides. Founded in France in 2008, our family-run company has grown into one of the most innovative and trusted names in the powersport energy industry.

With over 400 battery models, an active R&D team, and 2 modern production facilities, we offer high-quality, reliable, and forward-thinking power solutions.

Recognized as both OEM (Original Equipment Manufacturer) and OES (Original Equipment Supplier) by leading motorcycle brands and actively involved with racing teams across all categories, we serve more than 80 countries through a global network of partners, 3 subsidiaries, and 3 coordination offices. Driven by a culture of technical excellence, bold ambition, and dedicated service, BS BATTERY empowers riders and manufacturers alike with smart batteries, chargers, boosters, tester and accessories.



*We power those who dare,
move and lead.*

QUALITY

Every solution we create reflects our **commitment to performance**, crafted through rigorous **quality control**. Our facilities meet the **highest international standards** and hold **certifications** – such as :



As a recognized **OEM** and **OES** partner, BS BATTERY has earned the confidence of over **30 leading motorcycle manufacturers** – a number that continues to grow year after year, reflecting our **unwavering quality and reliability**.



INNOVATION

Aware of the complexities batteries can bring, BS BATTERY offers over **80 ready-to-use models** for all powersport applications. With strong **Lithium expertise** built through partnerships with **manufacturers** and **15+ Official Racing Teams**, we stay at the forefront of **innovation**.

Mindful of the importance of **education**, we also develop **smart charging, boosting and testing solutions**—focused on every detail—to **simplify maintenance** and **save time** for **professionals** and **end-users** alike.

SERVICE-ORIENTED

With **service** at the core of our strategy, we work **hand-in-hand** with our **partners**—offering **real support** :

- maintenance solutions
- customized offer
- business development
- educational training
- optimized data
- marketing resources

Our goal: **to empower our network** with the right tools to **grow, deliver better service, and create long-term value**.

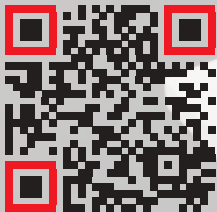


HUMAN DIMENSION

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 **multicultural team of employees and partners** brings its **racing spirit** to work every day, infusing **energy, diverse perspectives, 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.

BATTERY FINDER



Find the right BS BATTERY for your vehicle on our website

bs-battery.com

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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: Charles Farcy & Pierre Breson - **PHOTOS:** William Joly, Fabrizio Porrozz, Aprilia Racing Team ©, Yamaha MotoGP ©, Sherco Racing Factory Team ©, Pastorello Compétition & Bud Racing: Thibault GASTAL, CSBK: Rob O'Brien, Saddlemen: harleydavidson ©/ hdpanamerica © / kurpius ©, Tati Team: Go2creation / T.Gautheron

LITHIUM

ROBOT MOWER

To allow your robot mower to effortlessly cover your large lawn again, we provide a wide selection of spare batteries that match the original specifications. Featuring high-quality cells, these batteries are designed for intensive charging and discharging. Our range includes the most popular robot mower batteries on the market.

ORIGINAL EQUIPMENT
OEM
MANUFACTURER

plug
and
play







 **FIRST-CLASS SAFETY FEATURES**
BMS integrated (depending on the model)

 **HIGH CYCLE LIFE & BATTERY LIFE**
Up to 1000 cycle

 **HIGH QUALITY LITHIUM CELLS**

 **WIDE COMPATIBILITY LIST**
More than 200 models of robots covered



BS BATTERY TYPE	BS CODE	TECHNO	VOLTAGE V	CAPACITY Ah	POWER Wh	DIMENSIONS (±2mm)			COMPATIBILITY (NOT EXHAUSTIVE)	OEM PART NUMBERS
						L	W	H		
AL-KO										
	BSL-AL01	360601	Li-ion	18	2.5	45.0	94	69	26	AL-KO: Robolinho 100 / 110 / 41.6 440454 441154 442175
	BSL-AL02	360602	Li-ion	25.2	5	126.0	128	69	50	AL-KO: Robolinho 3000 / 4000 AL-KO: Robolinho 82.8 / 116 440530 441188
AMBROGIO / STIGA / WIPER										
	BSL-ST01	360603	Li-ion	25.2	8.7	219.2	150	64	93	AMBROGIO: Type L100 Serie STIGA: Autoclip 140, 325, 520... CS_C0106/1 1126913801
	BSL-ST02	360604	Li-ion	25.2	13.8	347.7	302	156	41	AMBROGIO: Type L200/ L300 Serie STIGA: Autoclip 720S/920S WIPER: One XH/HXD CS_C0114 1126-9121-01
	BSL-ST03	360605	Li-ion	25.2	2.6	65.5	144	77	38	AMBROGIO: L30/L75/L85 STIGA: Autoclip 125, 127, 145, 223, 225S 075Z01300A 1126913701
AMBROGIO ZUCCHETTI / WIPER										
	BSL-ZU01	360630	Li-ion	25.9	2.6	67.3	129	67	28	AMBROGIO: L15, L20, L60, Twenty, Twenty Elite S+ WIPER: i70, i100S, Climber, Q350 015E00600A 050Z38600A

BS BATTERY TYPE	BS CODE	TECHNO	VOLTAGE V	CAPACITY Ah	POWER Wh	DIMENSIONS (±2mm)			COMPATIBILITY (NOT EXHAUSTIVE)	OEM PART NUMBERS
						L	W	H		
BOSCH										
	BSL-BS01	360606	Li-ion	32.4	3.0	97.2	217	85	58	BOSCH: Indigo 800 / 850/ 1000/1100 Connect/1200 Connect/ 1300/3600/ 3 600 HA2 000 10C/13C
HUSQVARNA/ GARDENA / FLYMO / MCCULLOCH										
	BSL-HU01	360609	Li-ion	18	2.0	36.0	71	66	57	HUSQVARNA: Automower 105/305/308 MCCULLOCH FLYMO GARDENA 574 47 68-01
	BSL-HU06 (WITH PCM)	360620	Li-ion	18	2.0	36.0	69	56	67	HUSQVARNA: Automower 105/305/308 MCCULLOCH FLYMO GARDENA 589 58 61-01 586 57 62-012
	BSL-HU02	360610	Li-ion	18	2.5	45.0	92	67	26	HUSQVARNA: Automower 310 / 315 GARDENA: R100/R160...
	BSL-HU03	360617	Li-ion	18	4.0	72.0	146	68	39	HUSQVARNA: 320(2013>), 330X (2013>), 420 (2016>), 520 (2018>) 589 58 57-01 588 14 64-01
	BSL-HU04	360618	Li-ion	18	5.2	93.6	146	68	39	HUSQVARNA: Automower 430X 2016 -> Automower 440 2017 -> Automower 450X 2016 -> Automower 550 2018 -> 589 58 57-01
	BSH-HU05	360619	NiMH	18	2.2	39.6	215	68	13	HUSQVARNA: 220AC, 230ACX, 265ACX 535 12 09-01 535 12 09-02
	BSL-HU07	360611	Li-ion	22	5.2	114.4	220	67	22	HUSQVARNA: 265ACX (2012>2015) 265ACX G2-2 578 84 87-02 578 84 87-01
	BSL-HU08	360631	Li-ion	18.5	2.0	37.0	139	81	38	HUSQVARNA: 305 (2019>) 310 (2019>) 315 (2019>) 593 24 72-01 590 21 42-02 590 21 42-07
ROBOMOW / WOLF GARTEN / CUB CADET										
	BP-RM01	300892 + 750542*	AGM	12	7.0	86.4	151	99	65	ROBOMOW: RX12U, RX20U, RX20 Pro MRK9101A
	BSL-RM02	360612	LiFePO4	25.6	3.0	76.8	212	164	108	ROBOMOW: City MC150/300/1000/1200 ROBOMOW: Premium RC304u/RC306... WOLF GARTEN: RS400/ RS600 MRK7005A
	BSL-RM03	360613	LiFePO4	25.6	6.6	168.9	216	56	79	ROBOMOW RS612/RS622/RS635/... WOLF GARTEN: RS1000/RS1800/ RS3000... CUB CADET: 3000 MRK6105A
WORX										
	BSL-WX01	360614	Li-ion	20	2.0	40.0	110	75	46	WORX: Landroid L2000/ M1000/ M700 WA3551.1
	BSL-WX02	360615	Li-ion	20	5.0	100.0	110	75	46	WORX: Landroid L2000/ M1000/ M700 WA3556
	BSL-WX03	360616	Li-ion	28	2.5	70.0	110	75	64	WORX: Landroid L1500i / M500/ WG754E/ WG790 WA3225

SLA

READY TO START

SLA (Sealed Lead Acid) batteries will make your gardening tasks easier. No more handling acid or waiting for batteries to charge—everything is now much simpler! SLA batteries are sealed, non-spillable, factory-activated and no maintenance. These ready-to-use batteries are extremely easy to install and carry, all at a very attractive price. Discover the widest range available on the market, designed to meet all your gardening power needs.

ORIGINAL EQUIPMENT
OEM
MANUFACTURER

**plug
and
play**



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.

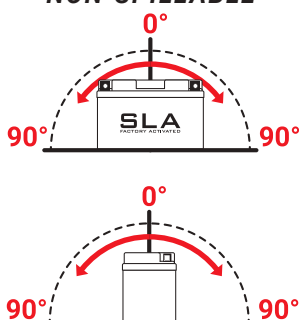


HIGH STARTING POWER & EXTENDED CYCLE LIFE



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 30
MAX
Battery size up to 60Ah |
| BS 60
Battery size up to 120Ah | BK 20
Battery size up to 40Ah |

DID YOU KNOW?

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

SLA batteries are non-spillable, so they're safe to ship and e-commerce ready!

BS BATTERY TYPE	BS CODE	CAPACITY AH (10HR)	CAPACITY AH (20HR)	CCA A (-18°C)	DIMENSIONS (±2MM)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
U1-9 (12N24-4A)	300901	-	28	300	195	125	176		
U1R-9 (12N24-3A)	300902	-	28	300	195	125	176		
U1-12 (12N24-4A)	300877	-	32	400	195	125	176		
U1R-12 (12N24-3A)	300878	-	32	400	195	125	176		
SLA12-20	300879	20	21.1	180	182	77	168		
BTZ7S	300635-1	6	6.3	130	113	70	105		
BTX16	300763	14	14.7	230	150	87	161		
BTX14AH/BB14-A2/B2 (12N14-4A)	300758	14	14.7	210	135	90	164		
BTX14AHL/BB14L-A2/B2 (12N14-3A)	300759	14	14.7	210	135	90	164		
BTX24HL/B50-N18L-A/A2/A3 (12N18-3A)	300770	21	22.1	350	205	87	162		
53030 (B60-N30L-A)	300880	30	31.6	300	178	123	166		

SLA^{MAX}
FACTORY ACTIVATED

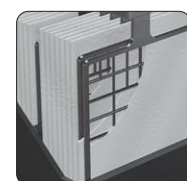
BS BATTERY TYPE	BS CODE	CAPACITY AH (10HR)	CAPACITY AH (20HR)	CCA A (-18°C)	DIMENSIONS (±2MM)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
U1-500	300899	30	31.6	500	195	125	176		



REINFORCED CASING WITH GRID FRAMEWORK
For a maximum vibration resistance.



8,8 MM TERMINALS
M6 adapter included for lawn and garden applications.



TALLER PLATES
For enhanced CCA & Capacity.

DRY

CONVENTIONAL

Conventional batteries are lead acid flooded batteries. These batteries need to be filled before first use. Conventional High Performance batteries include a sulfation retardant technology which reduces battery-killing plate sulfation. This results in a longer battery life, especially in standby or storage mode. These batteries are perfectly suitable for ATVs (All Terrain Vehicles), UTVs (Utility Vehicles) and lawnmowers.



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

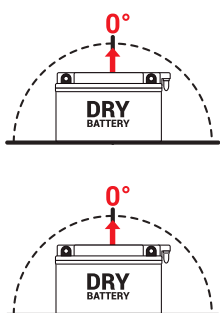


WIDE VARIETY OF 6V & 12V MODELS



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 30 MAX** 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.

BS BATTERY TYPE	BS CODE	CAPACITY AH (10HR)	CAPACITY AH (20HR)	CCA A (-18°C)	DIMENSIONS (±2MM)			ASSEMBLY LAYOUT	TERMINAL
					L	W	H		
BB12A-A (12N12A-4A-1)	310561	12	12.6	155	134	80	160		
BB14L-A2 (12N14-3A)	310569	14	14.7	175	134	89	166		
BB14-A2 (12N14-4A)	310567	14	14.7	175	134	89	166		
B50-N18L-A/A2/12N18-3A	310547	20	21.1	250	205	90	162		
12N24-3A	310539	24	25.2	220	184	124	175		
12N24-4A	310540	24	25.2	220	184	124	175		
U1-9	310691	24	25.2	220	195	130	180		
U1R-9	310810	24	25.2	220	195	130	180		
U1-12	310744	30	31.6	280	195	130	180		
U1R-12	310870	30	31.6	280	195	130	180		
B60-N24L-A	310658	28	29.5	280	184	124	175		
53030 (B60-N30L-A)	310544	-	30	300	184	130	170		

VRLA

GENERAL PURPOSE

VRLA batteries are general-purpose batteries with 5 years design life in float service. With advanced AGM valve regulated technology and high purity raw material, these batteries ensure high performance and reliable standby service life. It can also be used for light cycling use. With sealed construction, VRLA are nonspillable and maintenance free.



FACTORY ACTIVATED

AGM (Absorbent Glass mat) technology



READY TO USE

Just plug & play



ABSOLUTELY MAINTENANCE FREE



NO ACID HANDLING

Very safe



SPILLPROOF DESIGN

Factory sealed & electrolyte held in a glass fibre mat



LOW DISCHARGE RATE



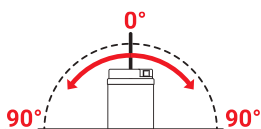
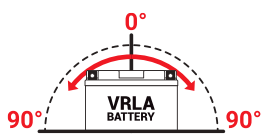
VRLA BATTERY

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		
BP12-4.5	300893	4.2	4.5	-	90	101	107		
BP12-7	300892	6.7	7	-	151	65	99		

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 30 MAX
Battery size up to 60Ah

BS 60
Battery size up to 120Ah

BK 20
Battery size up to 40Ah

BATTERY RANGE OVERVIEW

COMPARATIVE CHART



	LITHIUM LiFePO4	SLA FACTORY ACTIVATED	DRY BATTERY	VRLA BATTERY
TECHNOLOGY	LiFePO4	AGM/VRLA	Flooded dry	AGM/VRLA
FACTORY ACTIVATED READY TO USE	✓	✓	—	✓
NO ACID HANDLING	✓	✓	—	✓
NO MAINTENANCE	✓	✓	—	✓
NON-SPILLABLE	✓	✓	—	✓
INCLINATION LEVEL				
SUITABLE FOR E-COMMERCE COMPLIANT WITH EU REGULATION 2019/1148 (FOR THE SALE OF ACID FOR BATTERIES)	✓	✓	—	✓
EASY TO SHIP	✓	✓	—	✓
TRANSPORT TYPE				





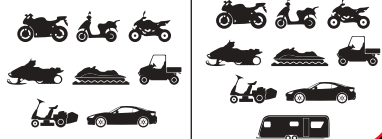
(1) Once activated

(2) According to ADR, IMDG & IATA regulations

CHARGER SELECTION CHART



BS 10 BS 30 BS 30 ^{MAX} BK 20 BS 15 BS 60

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
RECONDITIONING FUNCTION	NO		YES		YES
POWER SUPPLY FUNCTION	NO		YES	NO	NO
CAN BUS MODE	NO		YES	NO	NO
USERS TYPE	 FOR END-USERS		 FOR PROFESSIONALS		 FOR END-USERS
GOOD TO KNOW	WALL MOUNT CONNECTION	MULTIAXIS HOOK	DISPLAY PARTS (OPTION page 40)		MULTIAXIS HOOK
SUITABLE FOR					

BS 10

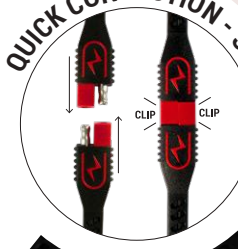
SMART BATTERY CHARGER & MAINTAINER

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

BS Code: 700516

- **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.

QUICK CONNECTION - SAE



WALL MOUNT CONNECTION

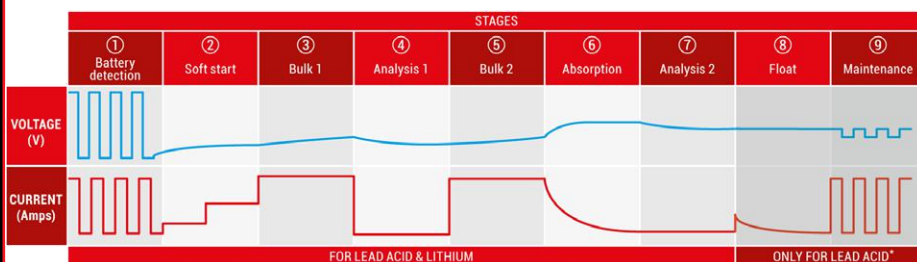


BOX CONTENT

International plugs available on request



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

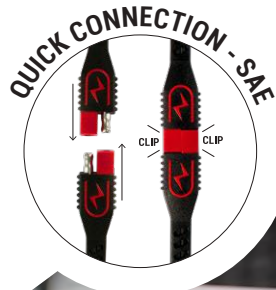
SMART BATTERY CHARGER & MAINTAINER

12V - 3A

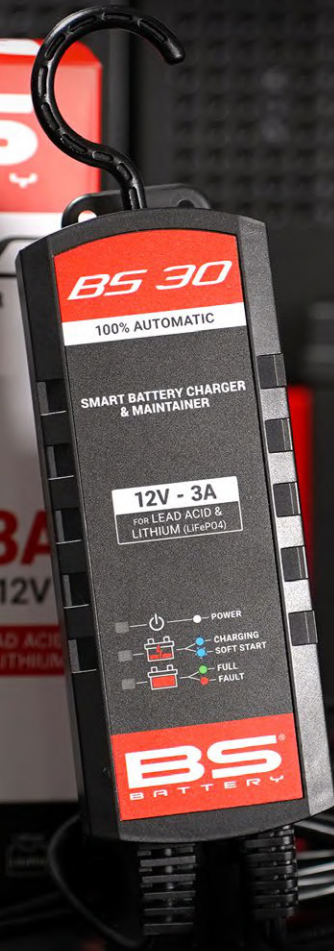
LEAD ACID & LITHIUM

BS Code: 700566

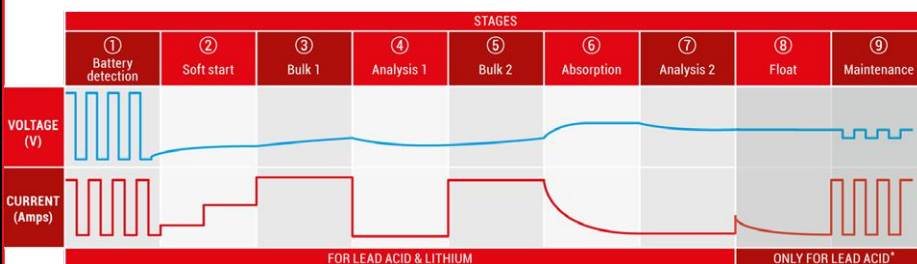
- **Auto detect** Lead Acid or Lithium technology.
- **Zero overcharge:** adaptable charging algorithm Lead Acid & Lithium (LiFePO4).
- **Safe:** connection spark-free, reverse polarity, short circuit and internal overheat protection.
- **Easy to use:** connect & forget.
- **Multiaxis hook.**
- **Battery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



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 MAX

SMART BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION

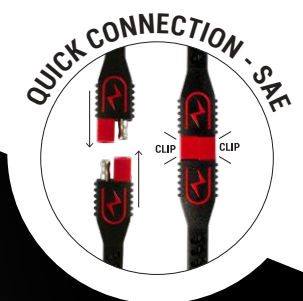
12V - 3A
LEAD ACID & LITHIUM

BS Code: 700606

BOX CONTENT



- **Auto detect** Lead Acid or Lithium technology.
- **Zero overcharge:** adaptable charging algorithm Lead Acid & Lithium (LiFePO4).
- **Reconditioning function** for deeply discharged batteries.
- **Safe:** connection spark free, reverse polarity, short circuit and internal overheat protection.
- **Easy to use:** connect & forget.
- **Power supply:** delivers stable DC voltage for diagnostics, maintenance or battery replacement.
- **CAN Bus mode:** automatically activate the 12V output on CAN bus equipped vehicles, ensuring optimized charging control and monitoring.
- **Force mode:** recovers low-voltage "dead" Lead Acid or LiFePO4 batteries.
- **Bumper:** protects the charger and provides grip on angled or slippery surfaces.
- **Battery capacity:** up to 60Ah.



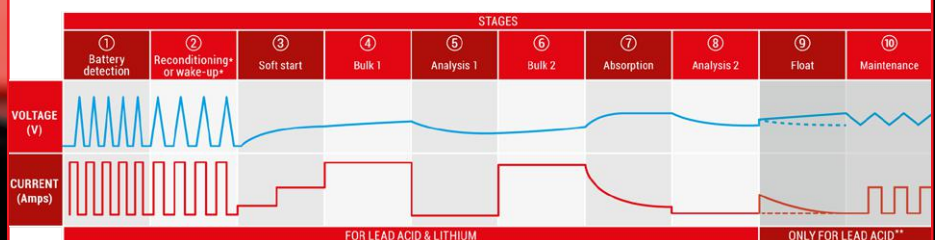
OPTION

PA 05 CAN Bus connector to SAE plug

BS Code: 700590



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.

BK 20

SMART BANK BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION

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

BS Code: 700547

- 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.

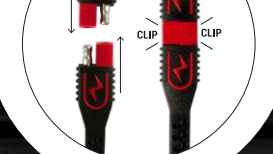
BOX CONTENT



WALL MOUNT FIXATION



QUICK CONNECTION - SAE



DID YOU KNOW?

CHARGING STATION

Build your own Charging Station to charge and maintain 6 batteries at once!
Refer to page 40

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



BK 20

BANK BATTERY CHARGER - 3 CHANNELS

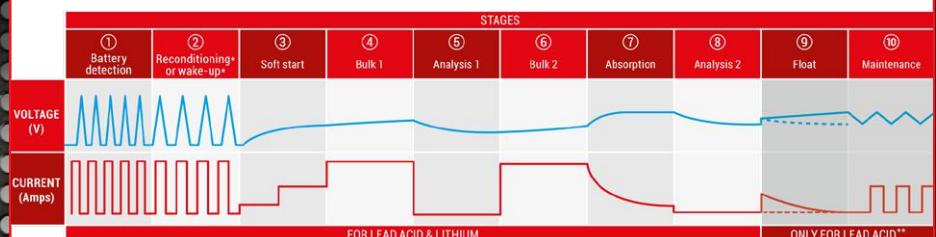
SMART BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION

6V/12V - 3x 2A

FOR LEAD ACID & LITHIUM (LiFePO4)



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.

BS 15

SMART BATTERY CHARGER & MAINTAINER WITH RECONDITIONING FUNCTION

12V - 1.5A
LEAD ACID

BS Code: 700565

- > 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.
- > **Battery capacity:** up to 30Ah.



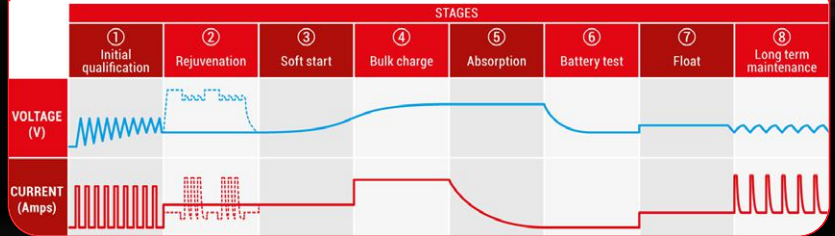
CHARGER - BK 20 / BS 15



BOX CONTENT



CHARGING CURVE - 8 STAGES



BS 60

SMART BATTERY CHARGER
& MAINTAINER WITH
RECONDITIONING FUNCTION

12V - 1/4/6A
LEAD ACID

BS Code: 700532

- > 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

International
plugs available
on request

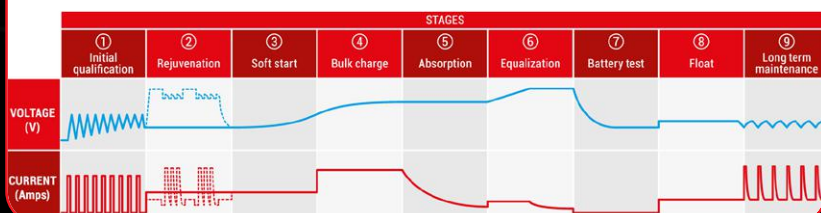


BS 60
CHARGER
NG FUNCTION

1/4/6A
12V
LEAD ACID



CHARGING CURVE - 9 STAGES



TIPS: HOW TO EXPAND YOUR BATTERY'S LIFESPAN?

A well-maintained battery is the key to your vehicle's reliability and performance. Regular care not only ensures consistent starts but also prevents unexpected failures on the road. With the right maintenance and charging practices, you can maximize your battery's lifespan, maintain optimal performance, and enjoy peace of mind every time you ride.



CLEAN & INSPECT

Regularly check terminals and cables. Remove corrosion with a brush or suitable cleaner. Tighten connections to avoid voltage drops and premature battery wear.



TEST FREQUENTLY

Use the BST1000 Tester to monitor voltage, battery health and internal resistance. Detect early signs of sulfation or degradation and act before failure. If the measured voltage is low, a charge is recommended. Here below the battery voltage information per technology

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



CHARGE SMARTLY

Before charging, always check your battery's voltage (6V or 12V) and verify the charger's compatibility with your battery technology: Lead Acid or LiFePO4.

Selecting the proper charging current based on battery capacity is also critical:

BATTERY TYPE	RECOMMENDED CHARGING CURRENT (A)	MAXIMUM CHARGING CURRENT (A)	RECOMMENDED CHARGER
LEAD-ACID	0.1 - 0.2 × BATTERY CAPACITY (AH)	0.3 × BATTERY CAPACITY (AH)	BS10 / BS15 / BS30 / BS30MAX / BS60 / BK20
LIFEPO4	0.5 - 1 × BATTERY CAPACITY (AH)	2 × BATTERY CAPACITY (AH)	BS10 / BS30 / BS30MAX / BK20

Example: BTZ7S (6Ah) = Recommended charging current is 0.1 to 0.2x6Ah = 0.6A to 1.2A | Max charging current is 0.3x6Ah = 1.8A

Example: BSLi-02 (2Ah) = Recommended charging current is 0.5 to 1 x2Ah = 1A to 2A | Max charging current is 2x2Ah = 4A

Use a BS BATTERY smart charger is essential to prevent overcharging, overheating, and capacity loss – all of which shorten battery life.



USE REGULARLY & AVOID DEEP DISCHARGE

Frequent using helps maintain proper charge cycles and prevents sulfation. Long inactivity causes voltage drops and capacity loss. Never allow your battery voltage to fall below the recommended level – deep discharge can cause irreversible damage (sulfation). For seasonal or occasional use, connect your battery to a BS BATTERY maintainer charger.



STORE PROPERLY

Keep batteries in a cool, dry place away from sunlight or heat sources. Extreme temperatures accelerate chemical degradation and self-discharge. If stored for a long period, disconnect the battery from the vehicle and perform a maintenance charge every 2–3 months for Lead Acid and every 6 months for LiFePO4.

ACCESSORIES

FOR CHARGERS

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 as usual. This accessory is compatible with any chargers equipped with SAE plug.

- 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



**A MUST-HAVE ADDITION
TO ANY COUNTER SHOP!**

PA 01 MAX

EYELET CONNECTOR WITH POWER BOX MAX & SAE PLUG ADAPTER

BS Code: 700587

This connector is the ideal solution when your battery is hard to reach, hidden, or when using clamps is not possible. It provides a quick and secure way to either charge your battery with a charger or jump-start it using the POWER BOX MAX booster, thanks to its dual connection: an SAE plug and a dedicated Power Box Max plug.

- Adapter with SAE plug connection POWER BOX MAX plug.
- For all 12V vehicles and motorcycles batteries.
- M6 eyelets terminals.
- 10A Fuse.
- Wire 60 cm (8AWG).
- Safe & easy to connect.



PA 04

CABLE EXTENDER SAE TO SAE

BS Code: 700588

Cable extension with SAE connection system at both ends.

- > Wire 460cm (16 AWG).
- > Quick SAE connection.



CL 02

BS CLAMPS TO SAE PLUG

BS Code: 700535



POWER BOX SELECTION CHART



POWER BOX



POWER BOX AIR



POWER BOX MAX

BOOSTER FUNCTION

FOR BATTERY TYPES	12 VOLT LEAD-ACID		
PEAK STARTING CURRENT (A)	1200		2000
GAS ENGINE RATING	UP TO 7.0 LITERS		UP TO 8.0 LITERS
DIESEL ENGINE RATING	UP TO 6.0 LITERS		

POWER SUPPLY / POWER BANK FUNCTION

INTERNAL BATTERY (Wh)	44,4	37	74
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LED FLASHLIGHT FUNCTION

LUMENS	150	140	300
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INFLATOR FUNCTION

MAX PRESSURE	—	10,3 BAR / 150 PSI	—
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ADDITIONAL DETAILS

GOOD TO KNOW	ULTRA COMPACT	MULTI-PURPOSE	IDEAL FOR BIG ENGINES
SUITABLE FOR			
OPTION	EXTENDED SMART CABLE (60 CM) BS Code: 700577		PA01 MAX EYELET CONNECTOR WITH POWER BOX MAX & SAE PLUG ADAPTER BS Code: 700587



POWER BOX

BOOSTER 1200A

POWER SUPPLY & FLASHLIGHT

BS Code: 700559

- 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





BOOSTER

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

SUITABLE FOR



GAS | **DIESEL**
7.0L | **6.0L**
 engines up to 7000cc | engines up to 6000cc



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

BOX CONTENT



International plugs available on request



1x Micro USB cable



1x Lightning cable



1x USB C cable



OPTION

EXTENDED SMART CABLE (60CM).

BS Code: 700577



POWER BOX MAX

BOOSTER 2000A

POWER SUPPLY & FLASHLIGHT

BS Code: 700586

- Compact & powerful booster rated at 2000A.
- Suitable for 12V Lead Acid battery only.
- Up to 40 jump starts in one charge.
- Designed for gas (8.0L) 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





BOOSTER

1200A | **2000A**
Start current | Start peak current

SUITABLE FOR



GAS | **DIESEL**
8.0L | **6.0L**
engines up to 8000cc | engines up to 6000cc



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

BOX CONTENT



1x Micro USB cable

1x Lightning cable

1x USB C cable



International plugs available on request

OPTION

PA01 MAX EYELET CONNECTOR WITH POWER BOX MAX & SAE PLUG ADAPTER

BS Code: 700587

Ideal solution when your battery is hard to reach, hidden, or when using clamps is not possible. It provides a quick and secure way to either charge your battery with a charger or jump-start it using the POWER BOX MAX booster.



POWER BOX AIR

BOOSTER 1200A

POWER SUPPLY,
AIR COMPRESSOR
& FLASHLIGHT

BS Code: 700589

- 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.
- **Air compressor** with maximum pressure 10.3 bar / 150 PSI.
- **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

Lead Acid

SLA

GEL

AGM

MF

DRY

Ca/Ca



BOOSTER
600A | **1200A**
 Start current | Start peak current



GAS | **DIESEL**
7.0L | **6.0L**
 engines up to 7000cc | engines up to 6000cc

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



UNIVERSAL PLUGS
 EASY TO CHARGE & RECHARGE!

AIR COMPRESSOR
 MAX PRESSURE: **10,3 BAR/150 PSI** | SUITABLE FOR

LED FLASHLIGHT
 3 LIGHT MODES:
 > CONSTANT LIGHT > STROBE > SOS

BOX CONTENT



International plugs available on request

1x Micro USB cable

1x Lightning cable

1x USB C cable

OPTION
 EXTENDED SMART CABLE (60CM)
BS Code: 700577



BST 1000

TESTER LEAD ACID & LITHIUM

BS Code: 700605

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 just a few minutes!

- 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.

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	

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	

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	

BOX CONTENT



BATTERY COMPATIBILITY



APPLICATION



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	

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	

DID YOU KNOW?

Lithium Battery: The charging voltage of a motorcycle in good condition should be between 13.8V and 14.5V. It is important to note that a charge exceeding 14.8V becomes critical for a lithium battery. Under no circumstances should a lithium battery be installed if the charge exceeds 15V.

BT 02

BATTERY & ALTERNATOR TESTER

BS Code: 700512

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.



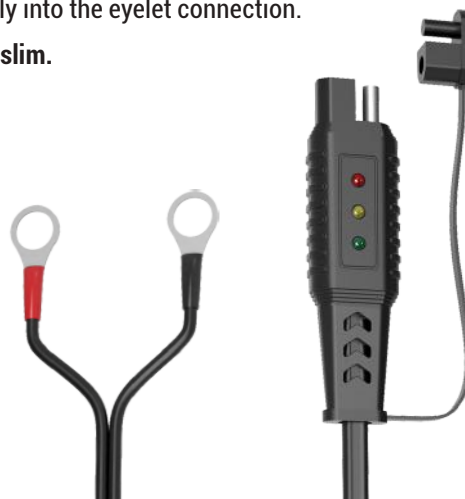
BT 03

BATTERY CONDITION INDICATOR WITH INTEGRATED LED

BS Code: 700517

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.



GLOSSARY

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. A sealed, maintenance-free lead-acid battery in which the electrolyte is immobilized and pressure is controlled by a safety valve

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 $12V - 4Ah = 12V \times 4Ah = 48Wh$.



DEALERS SUPPORT TRAINING PROGRAM



Training plays a vital role in our business success, which is why we developed **BS BATTERY ACADEMY**: a comprehensive training program to enhance technical skills and make a significant impact on our partners' growth and profitability.

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



EVENTS

Providing comprehensive operational and design support to ensure maximum impact and strong brand visibility for our partners at every trade fair and event is at the heart of our service.

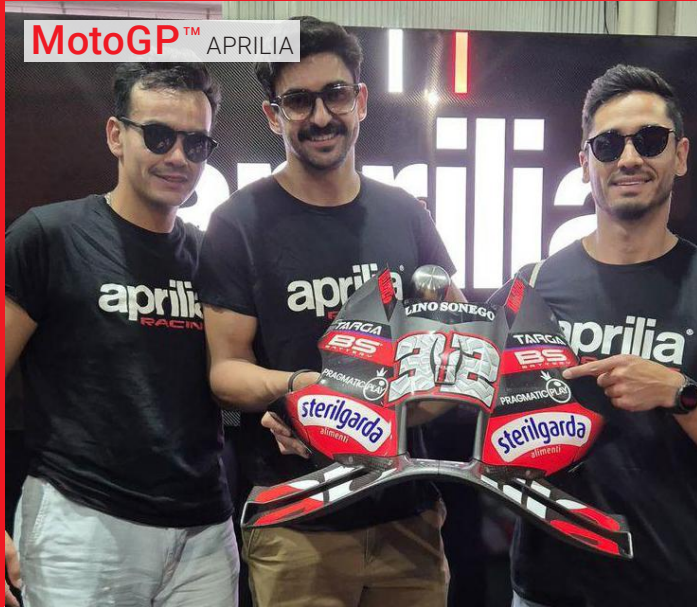
- > BOOTH CONCEPTION (LAYOUT, DESIGN)
- > OPERATIONAL SUPPORT (MERCHANDISING, SAMPLES)
- > ON-SITE STAFF (B2B MEETINGS, PRODUCT PRESENTATION...)
- > B2C ACTIVATIONS (SOCIAL MEDIA CONTEST, GIVEAWAYS, PILOT SIGNING SESSIONS)



For more details, please contact your BS BATTERY Team.

DEALERS SUPPORT 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 reflecting 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.



DEALERS SUPPORT

DIGITAL TOOLS

BATTERY FINDER

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



SCAN HERE

Find the right battery in seconds for you:



Moto



Scooter



ATV/UTV/SSV



Watercraft



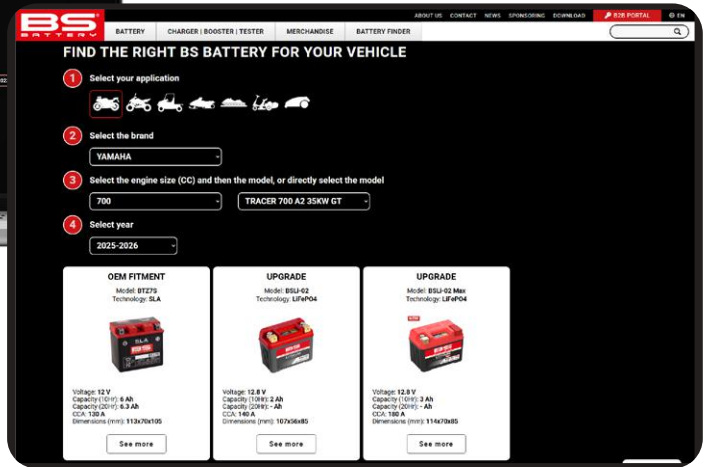
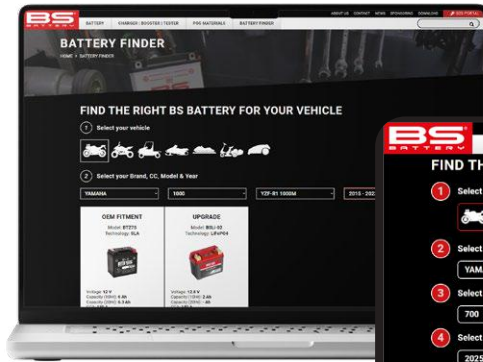
Snowmobile



Lawnmower

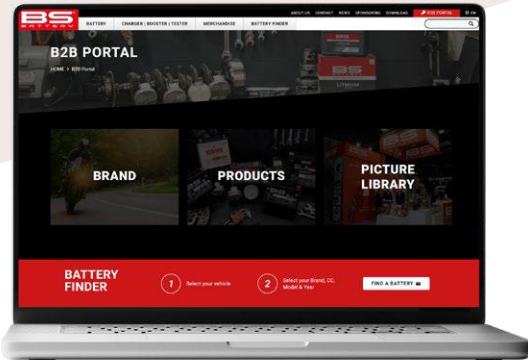


Robot



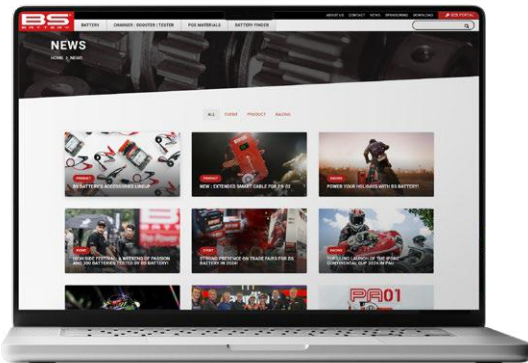
DEALERS SUPPORT

DIGITAL TOOLS



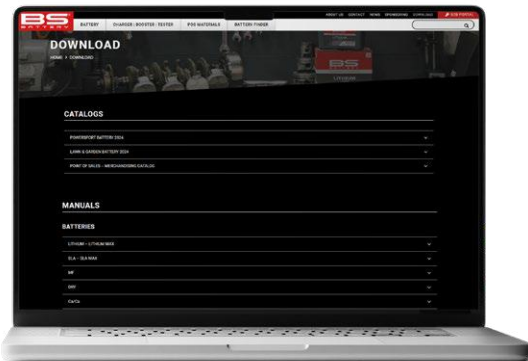
B2B PORTAL

Exclusive portal for BS BATTERY Distributors.
Access all brand, product, and media assets in one place.



NEWS

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



DOWNLOAD AREA

Access our public area to download essential resources:
catalogue, manual, and datasheet.
Go on bs-battery.com → "DOWNLOAD"

SOCIAL MEDIA

 @bsbatteryofficial

 @bsbattery

 @bsbattery

 @bs-battery



FOLLOW US!

DEALERS SUPPORT

POINT OF SALES MATERIALS | CHARGING STATION



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 (x2)

Charges and maintains 6 batteries with different voltages and technologies at once.

Page 36



3

BK 20 FIXING ACCESSORY

BS Code: 700548

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



DEALERS SUPPORT

MERCHANDISE | CLOTHES



SOFTSHELL FACTORY

BS Code: 900110 to 900114

Waterproof and windproof with membrane and inner fleece.
Elasticized lower body tightening. Wrist strap with Velcro closure.
Produced by Kenny Racing.
Size: S to XXL

NEW



BODYWARMER FACTORY

BS Code: 900133 to 900137

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



NEW



T-SHIRT FACTORY - BLACK

BS Code: 900122 to 900126

100 % Ringspun cotton 220 gr.

Produced by IXON.

Size: S to XXL

NEW



T-SHIRT FACTORY - WHITE

BS Code: 900148 to 900152

100 % Ringspun cotton 220 gr.

Produced by IXON.

Size: S to XXL

NEW



SWEATSHIRT FACTORY

BS Code: 900116 to 900120

Premium cotton / polyester blend 300 g/m².

Hood and zip fastening.

Produced by IXON.

Size: S to XXL

NEW



DEALERS SUPPORT

MERCHANDISE | ACCESSORIES



KEYRING (10pcs)

BS Code: 900107

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



TOTEBAG (10pcs)

BS Code: 900082

Practical and stylish, with
long, comfortable handles,
it can be easily carried over
the shoulder.
Dimensions: 320 x 420 mm



NECK WARMER (10pcs)

BS Code: 900132

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



CAP (5pcs)

BS Code: 900106

Cap with eyelets and adjustments (plastic plaw). Produced by Kenny Racing. Adult size.



NEW

UMBRELLA

BS Code: 900054

Elegant, strong and durable with a racing look. Automatic opening, foam rubber handle. Dimensions: Length: 1000 mm | Diameter: 1 300 mm



DEALERS SUPPORT

MERCHANDISE | EVENTS



PADDOCK CARPET

BS Code: 900109

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

Dimensions: 95 x 220 cm



WINDFLAG

BS Code: 900139

Light and easy to carry
Ideal for shops, events,
fairs...

Dimensions: 290 cm



Scan to see our full collection

TENT

BS Code: 900156

Easy-to-set-up, ideal for racing events and exhibitions.
Dimensions: 3 x 3 m



INFLATED TENT

BS Code: 900155

Durable and easy-to-set-up inflatable tent, ideal for outdoor events and exhibitions.
Dimensions: 4 x 4 m

Event Activation Battery Testing Service

We work closely with our partners to create B2C events that bring real value, such as our Battery Testing Service concept :

Every rider can have their battery tested with our BST1000 tester, and receive a diagnostic report, a clear explanation, and personalized recommendations.

It's a friendly, hands-on experience that helps riders feel confident and supported, while reinforcing our commitment to service and education.

Event Kit includes:

- 1 Inflated Tent
- 1 BST1000 tester
- BS30 Chargers
- PB02 Booster
- 1 Paddock Carpet
- Notepads / Pens
- Compatible batteries (fitting with vehicles event)
- Test report sheets



THE POWER YOU NEED



LAWN & GARDEN
SOLUTIONS 