



CATALOG

LAWN & GARDEN SERIES

BATTERIES ■ CHARGERS ■ BOOSTERS ■ TESTERS

The Power you need...

    BS BATTERY | www.bs-battery.com

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SLA
FACTORY ACTIVATED



THE GENERATION
OF READY TO START BATTERY

DRY
BATTERY



EASY TO STORE
BATTERY

SLA INTRODUCTION

The new generation of SLA battery will make the user life easier. No more acid handling nor inevitable waiting for battery charge! Everything becomes much more simple! SLA batteries are sealed/non spillable, factory activated and maintenance free. A new environment for powersport battery: it becomes a ready to use product, extremely simple to install and carry, all at a very attractive price level. Widest range available on the market.

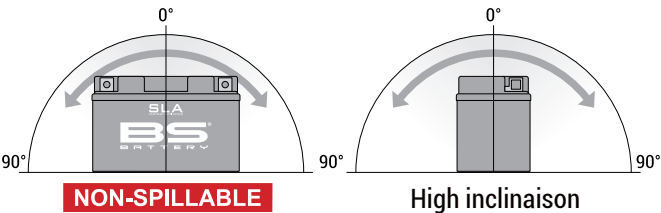
TECHNOLOGY

- AGM construction (Absorbed Glass Material)
- VRLA battery (Valve Regulated Lead Acid)
- Activated and pre-charged batteries
- Homologated by OEM

FEATURES

- Sealed and factory activated
- Environmentally friendly, spillproof design
- Multi-positional fitment
- Absolutely maintenance free
- Ready & easy to use
- No acid handling - Very safe
- Increased power & extended life
- Extreme vibration resistance

MOUNTING ANGLES



NON-SPILLABLE

High inclinaison

BS BATTERY TYPE - 12V	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA (EN) A (-18°C)	DIMENSIONS mm (±2mm)			ASSEMBLY LAYOUT	TERMINAL
				L	W	H		
U1-9 (12N24-4A)	-	28	300	195	125	176		A
U1R-9 (12N24-3A)	-	28	300	195	125	176		A
U1-12 (12N24-4A)	-	32	400	195	125	176		A
U1R-12 (12N24-3A)	-	32	400	195	125	176		A
SLA12-18	18	18.9	150	182	77	168		A
SLA12-20	20	21.1	180	182	77	168		A
BTZ7S	6	6.3	130	113	70	105		B
BTX16	14	14.7	230	150	87	161		B
BB14L-A2/B2 (12N14-3A)	14	14.7	200	135	90	164		H
B50-N18L-A/A2 (12N18-3A)	21	22.1	350	205	87	162		F
53030 (B60-N30L-A)	30	31.6	300	178	123	166		A

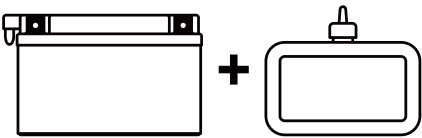
TYPE TERMINAL	A	B	C	D	E	F	G	H
PLAN 3D								

DRY INTRODUCTION

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.

TECHNOLOGY

- Lead acid dry charged construction
- No acid in cells, must be filled with acid before use

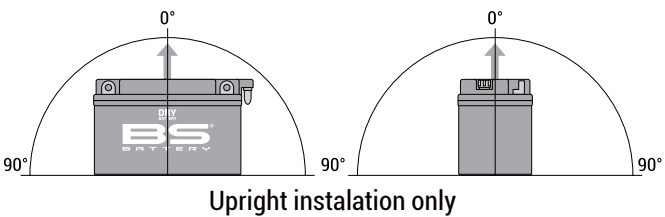


Acid pack included for activation

FEATURES

- Upright installation only
- Has to be checked periodically and refilled with water if necessary
- Internal gas emission through venting hole
- Handle with care to prevent acid spillage
- Regular life duration
- Does not need to be recharged while stocked

MOUNTING ANGLES



Upright instalation only

BS BATTERY TYPE - 12V	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA (EN) A (-18°C)	DIMENSIONS mm (±2mm)			ASSEMBLY LAYOUT	TERMINAL
				L	W	H		
BB12A-A (12N12A-4A-1)	12	12.6	155	134	80	160		D
BB14L-A2 (12N14-3A)	14	14.7	175	134	89	166		H
BB14-A2 (12N14-4A)	14	14.7	175	134	89	166		H
12N18-3A	18	18.9	164	205	90	162		G
12N18-4A	18	18.9	164	205	90	162		G
12N24-3A	24	25.2	220	184	124	175		G
12N24-4A	24	25.2	220	184	124	175		G
U1-9	24	25.2	220	195	130	180		A
U1R-9	24	25.2	220	195	130	180		A
U1-12	30	31.6	280	195	130	180		A
U1R-12	30	31.6	280	195	130	180		A
B50-N18L-A/A2	20	21.1	250	205	90	162		F
B60-N24L-A	28	29.5	280	184	124	175		A
53030 (B60-N30L-A)	-	30	300	184	130	170		G

TYPE TERMINAL	A	B	C	D	E	F	G	H
PLAN 3D								

VRLA
BATTERY



VRLA INTRODUCTION

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 non spillable and maintenance free.

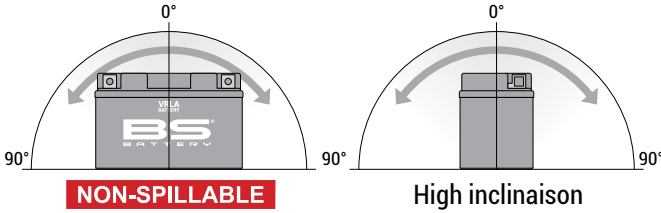
TECHNOLOGY

- AGM technology (Absorbed Acid)
- Sealed valve-regulated
- Spill proof / leak proof
- Lead calcium Grids for superior life
- Design life: 5 years at 20°C ambient temperature

FEATURES

- Maintenance free, no water adding required
- Deep discharge protection
- No corrosion
- Multi-positional fitment
- Low gassing
- Rugged impact resistance ABS case
- Low self-discharge rate
- Very good cycling and stationary performance

MOUNTING ANGLES



BS BATTERY TYPE - 12V	CAPACITY Ah (10Hr)	CAPACITY Ah (20Hr)	CCA (EN) A (-18°C)	DIMENSIONS mm (±2mm)			ASSEMBLY LAYOUT	TERMINAL
				L	W	H		
BP12-4.5	4.2	4.5	-	90	70	107		E
BP12-7	6.7	7	-	151	65	99.5		E

TYPE TERMINAL	A	B	C	D	E	F	G	H
PLAN 3D								



CHARGERS & POWER BOX



BA 10
6V/12V - 1A



Lithium
COMPATIBLE

TECHNOLOGY

- AUTOMATIC BATTERY CHARGER
- For Lithium and all lead acid batteries
- Charger & maintainer
- 3 level charge controlled
- Designed for batteries up to 20Ah
- Batteries: < 20Ah

FEATURES

- Automatic charge
- Automatic maintenance
- Short circuit & reverse polarity protection
- 6V/12V voltage output selection (switch)
- Internal over-heat protection
- Corrosion-resistant output connectors
- Output clamps and fused ring terminals provided



BS 60
12V - 1/4/6A

TECHNOLOGY

- SMART - 9 STEPS
- 12V - 1/4/6A
- Charger & maintainer
- Reconditioning function
- 9 steps charger: condition check, rejuvenation, soft start, bulk charging, absorption charging, equalization, float mode and long term maintenance pulse charge
- Designed for batteries up to 120Ah
- Batteries: < 120Ah

FEATURES

- Microprocessor controlled
- Safe and easy to use
- Patented reconditioning function
- Ideal for charging during winter season
- Corrosion-resistant output connectors
- Output short circuit, reverse polarity & overload protection
- Battery thermal runaway protection
- BS isolated clamps & fused ring terminals provided



BS 15
12V - 1.5A



TECHNOLOGY

- SMART - 8 STEPS
- Charger & maintainer
- Reconditioning function
- 8 steps charger: condition check, rejuvenation, soft start, bulk charging, absorption charging, analysis, float mode and long term maintenance pulse charge
- Batteries: < 30Ah

FEATURES

- Multiaxis hook
- Microprocessor controlled
- Patented reconditioning function
- Ideal for charging during winter season
- Corrosion-resistant output connectors
- Output short circuit, reverse polarity & overload protection
- Battery thermal runaway protection
- BS isolated clamps & fused ring terminals provided



POWER BOX
Safe lithium booster - 400A

TECHNOLOGY

The new Power Box PB-01 makes the life easier for all. It is a compact and powerful battery that can be put inside any motorcycle trunk, glove box, adventurer backpack, or student bag. It ensures you to always start your vehicles and charge your mobile devices. The flashlight function provides 3 blinking modes with SOS, Strobe and normal constant light. All of these features make the Power Box PB-01 a perfect backup power solution to keep close anytime.

FEATURES

- 12000 mAh Lithium-Ion battery
- Smart cables, very safe
- Jumpstarts 20 times before recharge
- LED Flashlight with 3 modes
- USB power supply
- Rechargeable with cigar plug or electric charger

LITHIUM



ROBOT INTRODUCTION

To allow your robot mower to roam your large lawn again, we offer a wide range of spare batteries conforming to the original one. Equipped with high quality cells, this range is designed for intensive charging and discharging. In this range you will find the main robot batteries available on the market.

FEATURES

- Compatible battery type
- High cycle life & battery life
- High quality lithium cells
- Wide compatibility list

BS BATTERY TYPE	SPEC & DIMENSIONS (LxWxH ±2mm)	COMPATIBILITY (NOT EXHAUSTIVE)	OEM PART NUMBERS
AL-KO			
 BSL-AL01 360601	Li-ion 18V 2.5Ah 94x69x25.5	AL-KO Robolinho 100 / 110 / 41.6	440454 441154 442175
 BSL-AL02 360602	Li-ion 25.2V 5Ah 128x69x50	AL-KO Robolinho 3000 / 4000 AL-KO Robolinho 82.8 /116	440530 441188
AMBROGIO / STIGA			
 BSL-ST01 360603	Li-ion 25.2V 8.7Ah 150x64x93	AMBROGIO Type L100 Serie STIGA Autoclip 140, 325, 520...	CS_C0106/1 1126913801
 BSL-ST02 360604	Li-ion 25.2V 13.8Ah 302x156.8x41	AMBROGIO Type L200/ L300 Serie STIGA Autoclip 720S/920S WIPER One XH/HXD	CS C0114 1126-9121-01
 BSL-ST03 360605	Li-ion 25.2V 2.3Ah 144x76.96x38	AMBROGIO L30/L75/L85 STIGA Autoclip 125, 127, 145, 223, 225S	075Z01300A 1126913701
BOSCH			
 BSL-BS01 360606	Li-ion 32.4V 3Ah 217x85x58	BOSCH Indigo 800 / 850/ 1000/1100 Connect/1200 Connect/ 1300/3600/ 10C/13C	3 600 HA2 000

BS BATTERY TYPE	SPEC & DIMENSIONS (LxWxH ±2mm)	COMPATIBILITY (NOT EXHAUSTIVE)	OEM PART NUMBERS
HUSQVARNA/ GARDENA			
 BSL-HU01 360609	Li-ion 18V 2Ah 70.5x66x57	HUSQVARNA Automower 105/305/308 MCCULLOCH FLYMO GARDENA	574 47 68-01
 BSL-HU02 360610	Li-ion 18V 2.5Ah 91.5x67x26	HUSQVARNA Automower 310 /315 GARDENA R100/R160...	584 82 28-02
 BSL-HU03 360617	Li-ion 18V 4Ah 146.2x67.6x38.8	HUSQVARNA Automower 430X 2016 -> Automower 440 2017 -> Automower 450X 2016 -> Automower 550 2018 ->	589 58 57-01 588 14 64-01
 BSL-HU04 360619	Li-ion 18V 5.2Ah 146.2x67.6x38.8	HUSQVARNA Automower 430X, 440, 450X	589 58 57-01
 BSH-HU05 360618	NiMH 18V 2.2Ah 215x67.65x22.7	HUSQVARNA 220AC, 230ACX, 265ACX	535 12 09-01 535 12 09-02
ROBOMOW			
 BP-RM01 300892 + 750042* *ROBOMOW adaptor	AGM 12V 7Ah 151x99x65	ROBOMOW RX12U, RX20U, RX20 Pro	MRK9101A
 BSL-RM02 360612	LiFePO4 25.6V 3Ah 212x164x108	ROBOMOW City MC150/300/1000/1200 ROBOMOW Premium RC304u/RC306... WOLF GARTEN RS400/ RS600	MRK7005A
 BSL-RM03 360613	LiFePO4 25.6V 6Ah 216x56x79	ROBOMOW RS612/RS622/RS635/... WOLF GARTEN RS1000/RS1800/RS3000... CUB CADET 3000	MRK6105A
WORX			
 BSL-WX01 360614	Li-ion 20V 2Ah 109.5x75x46	WORX Landroid L2000/ M1000/ M700	WA3551.1
 BSL-WX02 360615	Li-ion 20V 5Ah 109.5x75x64	WORX Landroid L2000/ M1000/ M700	WA3556
 BSL-WX03 360616	Li-ion 28V 2.5Ah 103.7x48.8x72.1	WORX Landroid L1500i / M500/ WG754E/ WG790	WA3225

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Series by BS



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