

FULBAT[®]

STARTER BATTERY

LAWN & GARDEN BATTERY RANGE

CATALOG 2024

SLA | CA/CA | DRY | VRLA | ROBOT



Feel the Power!

ABOUT US



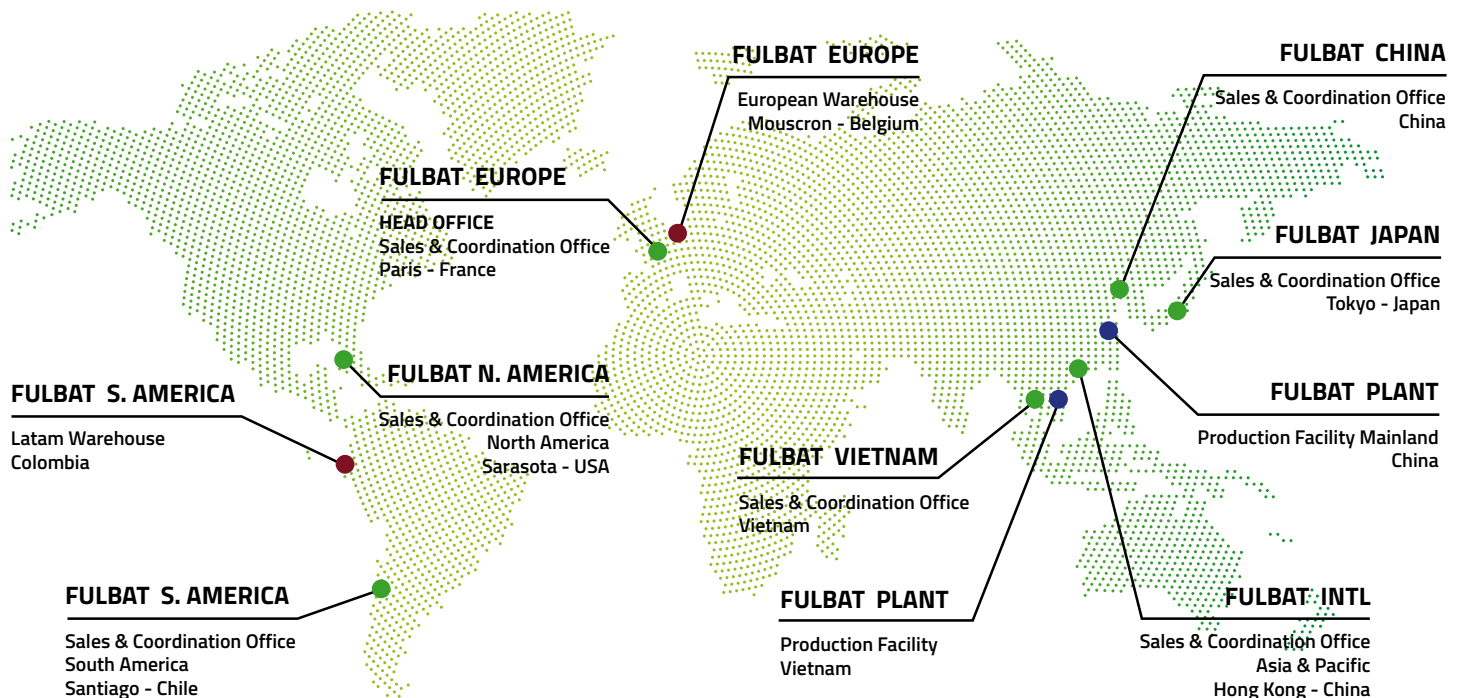
French based company, Fulbat is a leading force in the battery business, present in both replacement and OEM markets. Founded in 2005, we are constantly developing, manufacturing, marketing and selling lead-acid batteries, as well as lithium batteries and battery chargers.

With our technical knowledges and experience, we are able to design new innovative battery solutions to meet the current customers' expectations. We offer an exhaustive program of Starter batteries, Industrial batteries and Motive Power batteries, covering a full range of application. Our Starter Battery range is designed to cover all powersport applications and Lawn & Garden applications.

Fulbat batteries and chargers are widely distributed on all continents through a strong distributor's network, and are very well recognized as qualitative, performing and reliable products.

Manufactured according to the most innovative production processes, Fulbat products are certified by ISO 9001, ISO 14001 and TS 16949.

WORLDWIDE PRESENCE



INTRODUCTION



No matter what type of vehicle you have or how you use it, our wide range of starter batteries has been developed to satisfy all current market requirements.

Composed of a comprehensive line of batteries, Fulbat Starter Battery offers different technologies: SLA, Ca/Ca, DRY, VRLA & ROBOT.

Fulbat batteries will provide multiple and varied benefits: high starting performance, light weight, ready to use, maintenance free, vibration resistance and many others, whether for leisure or professional use.

From 1st February 2021, a new EU regulation for the sale of acid for batteries came into force. On that date, the sale of electrolyte for batteries (sulfuric acid), has been prohibited to end users (non-professionals), and only professionals are now entitled to acquire batteries with an electrolyte pack.

As a battery specialist, Fulbat maintains all its product ranges and offers the widest ready to use battery range.

APPLICATIONS

Fulbat Starter Battery covers the wide majority of lawn & garden applications.

LAWN & GARDEN



ROBOT



SLA RANGE

Ready to use & non-spillable

SLA battery range is designed to offer maximum performance and safety! Ready to use, the Sealed Lead Acid (SLA) battery will not require any acid handling, initial preparation or maintenance. Its non-spillable design linked to its high performance make it the ideal battery for all ride-on mowers.

FEATURES

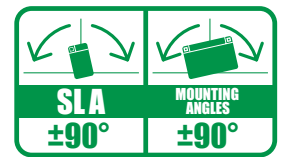
- ⚡ AGM technology (factory activated)
- ⚡ Ready to use
- ⚡ 100% maintenance free
- ⚡ Non-spillable: easy to ship
- ⚡ Higher cycle life
- ⚡ Ultra safe & highly vibration resistant
- ⚡ Minimized plate sulfation
- ⚡ Suitable for cold weather



COMPATIBLE CHARGERS

- ⚡ Fulload 1000
- ⚡ Fulbank 2000
- ⚡ Fulload F4

NON-SPILLABLE



Designation	P/N	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA (A)	Dimensions (±2mm)			Polarity	Terminal 3D
						L	W	H		
U1-9 SLA (12N24-4A)	550901	12	-	28	300	195	125	176	⊕ _ _ _ ⊖	
U1R-9 SLA (12N24-3A)	550902	12	-	28	300	195	125	176	_ _ _ ⊕	
U1-12 SLA (12N24-4A)	550903	12	-	32	400	195	125	176	⊕ _ _ _	
U1R-12 SLA (12N24-3A)	550904	12	-	32	400	195	125	176	_ _ _ ⊖	
SLA12-18	550633	12	18	18.9	150	182	77	168	_ _ _ ⊕	
SLA12-20	550879	12	20	21.1	180	182	77	168	_ _ _ ⊕	
SLA12-22	550907	12	22	23.1	210	182	77	168	_ _ _ ⊖	
FTX16	550763	12	14	14.7	230	150	87	161	⊕ _ _ _	
FTZ7S	550635	12	6	6.3	130	113	70	105	_ _ _ ⊖	
FB14L-A2 (12N14-3A)	550927	12	14	14.7	175	135	90	167	_ _ _ ⊕	
FB14-A2 (12N14-4A)	550946	12	14	14.7	175	135	90	167	⊕ _ _ _	
F50-N18L-A (12N18-3A)	550982	12	21	22.1	350	205	87	162	_ _ _ ⊕	
53030 (F60-N30L-A)	550945	12	30	31.6	300	178	123	166	_ _ _ ⊕	
53034 (F60-N30-A)	550843	12	30	31.6	300	178	123	166	⊕ _ _ _	

Ca/Ca RANGE

Ready to use

Calcium/Calcium battery range is designed to offer higher starting power and a longer service life. Ready to use and easy to install, Ca/Ca battery will not require any acid handling. Its design allows it to have a low water consumption and no maintenance will be necessary during its entire service life.

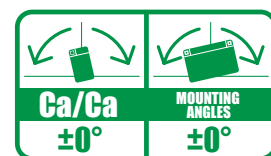
FEATURES

- ↗ Calcium technology
- ↗ Ready to use
- ↗ 100% maintenance free
- ↗ Increased power & extended service life
- ↗ High vibration resistance
- ↗ Lightweight polypropylene container
- ↗ Heat-sealed container with flat top cover
- ↗ Venting systems
- ↗ Handle & "magic eye" charge indicator



COMPATIBLE CHARGERS

- ↗ Fulload 1000
- ↗ Fulbank 2000
- ↗ Fulload F4



Designation	P/N	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA (A)	Dimensions (±2mm)			Polarity	Terminal 3D
						L	W	H		
U1-9 Ca/Ca (handle+ magic eye)	550875	12	-	28	300	195	130	180	+	
U1R-9 Ca/Ca (handle+ magic eye)	550876	12	-	28	300	195	130	180	-	
NS40 (+D)	550883	12	-	36	335	195	126	221	-	
NS40 (+G)	550884	12	-	36	335	195	126	221	+	
NS60 (+D)	550820	12	-	45	350	236	128	222	-	
NS60 (+G)	550821	12	-	45	350	236	128	222	+	



DRY RANGE

Easy to store

DRY battery range is designed to offer reliable starting power. Delivered with an acid pack, the DRY battery must be activated before the first use and must be checked periodically. DRY charged construction, no maintenance is necessary during a long period of storage.

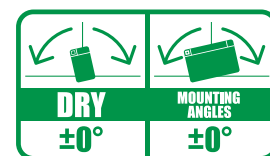
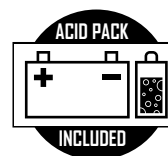
FEATURES

- ✓ DRY charged technology
- ✓ Activation before first use
- ✓ Periodically maintenance and refilled if necessary
- ✓ Upright installation only
- ✓ Regular life duration
- ✓ Unlimited shelf life



COMPATIBLE CHARGERS

- ✓ Fulload 1000
- ✓ Fulbank 2000
- ✓ Fulload F4



Designation	P/N	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA (A)	Dimensions (±2mm)			Polarity	Terminal 3D
						L	W	H		
12N12A-4A-1 (FB12A-A)	550561	12	12	12.6	155	134	80	160	+	
12N14-3A (FB14L-A2)	550887	12	14	14.7	125	134	89	166	-	
12N14-4A (FB14-A2)	550888	12	14	14.7	125	134	89	166	+	
12N18-4A	550890	12	18	18.9	170	205	90	162	+	
F50N18L-A/12N18-3A	550547	12	20	21.1	260	205	90	162	-	
F50-N18A-A	550898	12	20	21.1	260	205	90	176	+	
12N24-3A	550885	12	24	25.3	220	184	124	175	-	
12N24-4A	550886	12	24	25.3	220	184	124	175	+	
U1-9	550691	12	24	25.3	240	195	130	180	+	
U1R-9	550810	12	24	25.3	240	195	130	180	-	
53030 (F60-N30L-A)	550544	12	-	30	300	186	130	171	-	
53034 (F60-N30-A)	550546	12	-	30	300	186	130	171	+	

VRLA RANGE

General purpose applications

VRLA batteries are general purpose batteries with 5 years design life in float service. With advanced AGM valve regulated technology, these batteries ensure high performance and reliability. They can also be used for light cycling use.

FEATURES

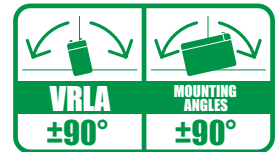
- AGM technology
- 100 % maintenance free (VRLA design)
- Non-spillable: easy to ship
- Deep discharge protection
- No corrosion
- Multi-positional fitment
- Low gassing
- Long shelf life
- Very good cycling and stationary performance



COMPATIBLE CHARGERS

- Fulload 1000
- Fulbank 2000
- Fulload F4

NON-SPILLABLE



Designation	P/N	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA (A)	Dimensions (±2mm)			Polarity	Terminal 3D
						L	W	H		
FP12-4.5	590024	12	4.2	4.5	-	90	101	107	+	
FP12-7.2	590028	12	6.7	7.2	-	151	65	99	+	
FP12-10H	590032	12	9.3	10	-	151	65	117	+	
FP12-12	590033	12	11.2	12	-	151	98	101	+	

BATTERY FINDER

Find the right battery for your vehicle on fulbat.com



ROBOT RANGE

Powerful & safe

FL Series is a complete range of batteries for robot mowers specially designed for intensive charge and discharge use. Equipped with high-quality and high-capacity lithium cells, this range thus offers the robot great autonomy in working.

FEATURES

- Compatible battery type
- High cycle life
- High autonomy: capacity sometimes higher than the original battery
- High quality lithium cells
- Very safe thanks to integrated BMS
- More than 200 models of robots covered



Designation	P/N	Voltage (V)	Capacity (Ah)	Power (Wh)	Technology	Dimensions (±2mm)			Compatibility (not exhaustive)	OEM part numbers*	
						L	W	H			
AL-KO	FL-AL01	560601	18	2.5	45	Li-ion	94	69	25.5	100; 110; 41.6	440454 441154
	FL-AL02	560602	25.2	5	126	Li-ion	128	69	50	82.8; 116; 3000; 4000	440530 441188
AMBROGIO STIGA	FL-ST01	560603	25.2	8.7	219.2	Li-ion	150	64	93	L100 Serie Autoclip 140; 325; 520	CS_C0106/1 1126913801
	FL-ST02	560604	25.2	13.8	347.7	Li-ion	302	156.8	41	L200; L300 Serie Autoclip 720S; 920S	CS C0114 1126-9121-01
	FL-ST03	560605	25.2	2.6	65.5	Li-ion	144	76.9	38	L30; L75; L85 Autoclip 125; 127; 145; 223; 225S	075201300A 1126913701
AMBROGIO ZUCCHETTI WIPER	FL-ZU01	560630	25,9	2,6	67,3	Li-ion	129	67	28	L15; L20; L60; Twenty; Twenty Elite S+ i70; i100S; Climber; Q350	015E00600A 050Z38600A
BOSCH	FL-BS01	560606	32.4	3	97.2	Li-ion	217	85	58	800; 850; 1000; 1100 Connect; 1200 Connect; 1300; 3600	3 600 HA2 000
HUSQVARNA GARDENA	FL-HU01	560609	18	2	36	Li-ion	70.5	66	57	105; 305; 308	574 47 68-01
	FL-HU06 (with PCM)	560620	18	2	36	Li-ion	69	56	67	105; 305; 308	589 58 61-01 586 57 62-012
	FL-HU02	560610	18	2.5	45	Li-ion	91.5	67	26	310; 315; R100; R160	584 82 28-02
	FL-HU03	560617	18	4	72	Li-ion	146.2	67.6	38.8	320 (2013>); 330X (2013>); 420 (2016>); 520 (2018>)	589 58 52-01 588 14 64-01
	FL-HU04	560618	18	5.2	93.6	Li-ion	146.2	67.6	38.8	430X (2016>); 440 (2017>); 450X (2016>); 550 (2018>)	589 58 57-01 589 58 58-02
	FH-HU05	560619	18	2.2	39.6	NiMH	215	67.6	22.7	220AC; 230ACX; 265ACX	535 12 09-01 535 12 09-02
	FL-HU07	560621	22	5.2	114.4	Li-ion	220	67	22	265ACX (2012>2015); 265ACX G2-2	578 84 87-02 578 84 87-01
	FL-HU08	560631	18.5	2	37	Li-ion	138.5	81	38	305 (2019>); 310 (2019>); 315 (2019>)	593 24 72-01 590 21 42-02 590 21 42-07
ROBOMOW	FP-RM01	590028 750542	12	7.2	86.4	AGM	151	99	65	RX12U; RX20U; RX20 Pro	MRK9101A
	FL-RM02	560612	25.6	3	76.8	LiFePO4	212	164	108	City MC150; 300; 1000; 1200; Premium RC304u; RC306	MRK7005A
	FL-RM03	560613	25.6	6.6	168.9	LiFePO4	216	56	79	RS612; RS622; RS635; WOLF GARTEN RS1000; RS1800; RS3000	MRK6105A
WORX	FL-WX01	560614	20	2	40	Li-ion	109.5	75	46	L2000; M1000; M700	WA3551.1
	FL-WX02	560615	20	5	100	Li-ion	109.5	75	64	L2000; M1000; M700	WA3556
	FL-WX03	560616	28	2.5	70	Li-ion	103.7	48.8	72.1	L1500i; M500; WG754E; WG790	WA3225

*Non exhaustive

ROBOT RANGE

Our different models



FL-AL01



FL-AL02



FL-ST01



FL-ST02



FL-ST03



FL-ZU01



FL-BS01



FL-HU01



FL-HU06



FL-HU02



FL-HU03



FH-HU04



FH-HU05



FL-HU07



FL-HU08



FL-RM01



FL-RM02



FL-RM03



FL-WX01



FL-WX02



FL-WX03

CHARGERS

Whether it is to charge or maintain lead-acid or lithium batteries (LiFePO₄), Fulbat chargers will be able to answer all your needs, from the smallest battery to the largest capacity. Designed with different charging stages, our automatic smart chargers will guarantee optimum charging efficiency and safety.

FULLLOAD 1000 (P/N: 750514)

BATTERY COMPATIBILITY: LEAD-ACID & LITHIUM
VOLTAGE: 6V/12V
CHARGING RATE: 1A
STAGES: 3

- Charges and maintains 6V/12V lead-acid batteries (GEL, AGM, MF, DRY, Ca/Ca, WET) and 12V LiFePO₄ batteries
- 1A charging current with battery capacity up to 20Ah (maintains all sizes)
- 4 charge modes
- Easy to set up & use: connect, select a charge mode and forget
- Easy to read LED display
- Full protected against short circuit, wrong connections, overcharge and overheat
- Delivered with: 1 clamps set and 1 eyelet terminals set



FULLLOAD F4 (P/N: 750515)

BATTERY COMPATIBILITY: LEAD-ACID & LITHIUM
VOLTAGE: 6V/12V
CHARGING RATE: 2-4A
STAGES: 8

- Charges and maintains 6V/12V lead-acid batteries (GEL, AGM, MF, DRY, Ca/Ca, WET) and 12V LiFePO₄ batteries
- 2A or 4A charging current with battery capacity up to 80Ah (maintains all sizes)
- 7 charge modes including 12V repair mode
- Easy to set up & use: connect, select a charge mode and forget
- Easy to read LED display
- Full protected against short circuit, wrong connections, overcharge and overheat
- Delivered with: 1 clamps set and 1 eyelet terminals set



CHARGERS



FULBANK 2000 (P/N: 750547)

BATTERY COMPATIBILITY: LEAD-ACID & LITHIUM
VOLTAGE: 6V/12V
CHARGING RATE: 3X2A
STAGES: 4

- Charges & maintains 3 batteries with different voltage and technologies at once
- 2A per bank with battery capacity up to 40Ah (120Ah in maintenance)
- For all batteries: GEL, AGM, MF, DRY, Ca/Ca & LiFePO4
- Easy to read LED display
- Full protected against short circuit, wrong connections, overcharge and overheat
- Splash & dust proof (IP65)
- Delivered with: 3 clamps and 3 fused connection set



ASSEMBLY PARTS (P/N: 750518)

BOX CONTENT:
2x BLACK RAILS
12x SCREWS
12x BOLTS FASTENING

- To mount up 2 Fulbank 2000 chargers on to battery display
- Up to 6 batteries charged at once
- Ideal to create a small charging station



BOOSTER

These accessories are ideal for the maintenance of all our ranges of batteries. Whatever your type of application (motorcycle, scooter, quad, jet-ski, lawn mower, etc.), you will always find the Fulbat accessory to maximize your battery's performance.

FULBOOST (P/N: 750553)

FUNCTION: BOOSTER, POWERBANK & LIGHT
CAPACITY: 4AH
START CURRENT: 800A
PEAK CURRENT: 1600A

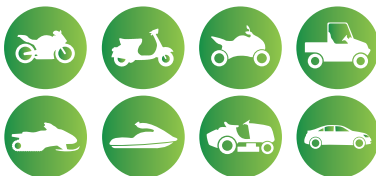
- Compact & powerful lithium booster rated at 1600A
- For vehicles equipped with a 12V Lead-acid battery
- Designed for gas engines up to 7.0L and diesel up to 6.0L
- Ultra-safe thanks to smart cables technology : spark-proof, short-circuit & reverse polarity protection
- Charger for all types of USB devices
- Ultra-bright 150 lumens LED flashlight with 3 modes: constant, SOS, flash



3 IN ONE



BOOSTER
For 12V vehicles



POWER BANK
For all electrical devices



TORCH
3 light modes



Constant

SOS

Strobe

TESTER & ACCESSORIES



FULTEST 1 (P/N: 750502)

FUNCTION: BATTERY & ALTERNATOR TESTER

- ↗ For 12V lead-acid batteries only
- ↗ Test the condition of the battery and alternator
- ↗ Control the right starting ability of the vehicle
- ↗ The ideal tool to verify the state of charge of the battery



FULTEST 2 (P/N: 750521)

FUNCTION: BATTERY & ALTERNATOR TESTER

- ↗ For all 12V vehicle and motorcycles batteries (lithium & lead-acid)
- ↗ 3 battery tests: cold cranking amps, voltage, internal resistance
- ↗ Alternator and cranking system test
- ↗ Easy to read thanks to the large LCD screen



FULCONNECT INDICATOR (P/N: 750516)

FUNCTION: BATTERY TESTER

CHARGERS COMPATIBILITY: FULLOAD 1000 / FULLOAD F4 / FULBANK 2000

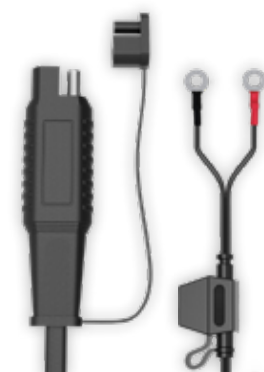
- ↗ For 12V lead-acid batteries only
- ↗ Ideal solution if the battery is difficult to access
- ↗ To check the state of charge of the battery with its 3 integrated LEDs: green, orange, red
- ↗ Wire length: 500mm
- ↗ M8 eyelet terminal



FULCONNECT (P/N: 750507)

CHARGERS COMPATIBILITY: FULLOAD 1000 / FULLOAD F4 / FULBANK 2000

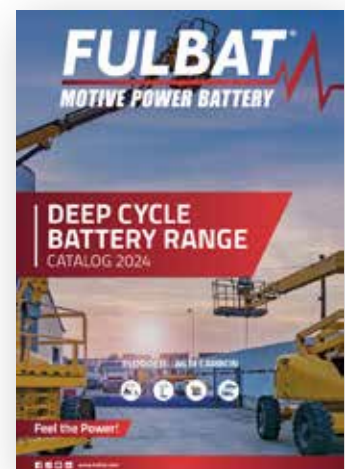
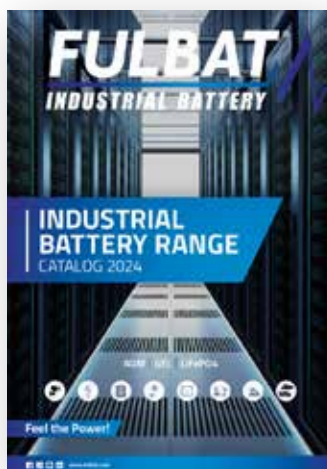
- ↗ For 12V lead-acid & lithium batteries
- ↗ Ideal solution if the battery is difficult to access
- ↗ Wire length: 600mm
- ↗ M6 eyelet terminal





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www.fulbat.com

DISCOVER **FULBAT** RANGES



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