

FULBATTM

MOTORCYCLE BATTERY

MOTORCYCLE BATTERY RANGE



Feel the Power!

2021-2022

ABOUT US



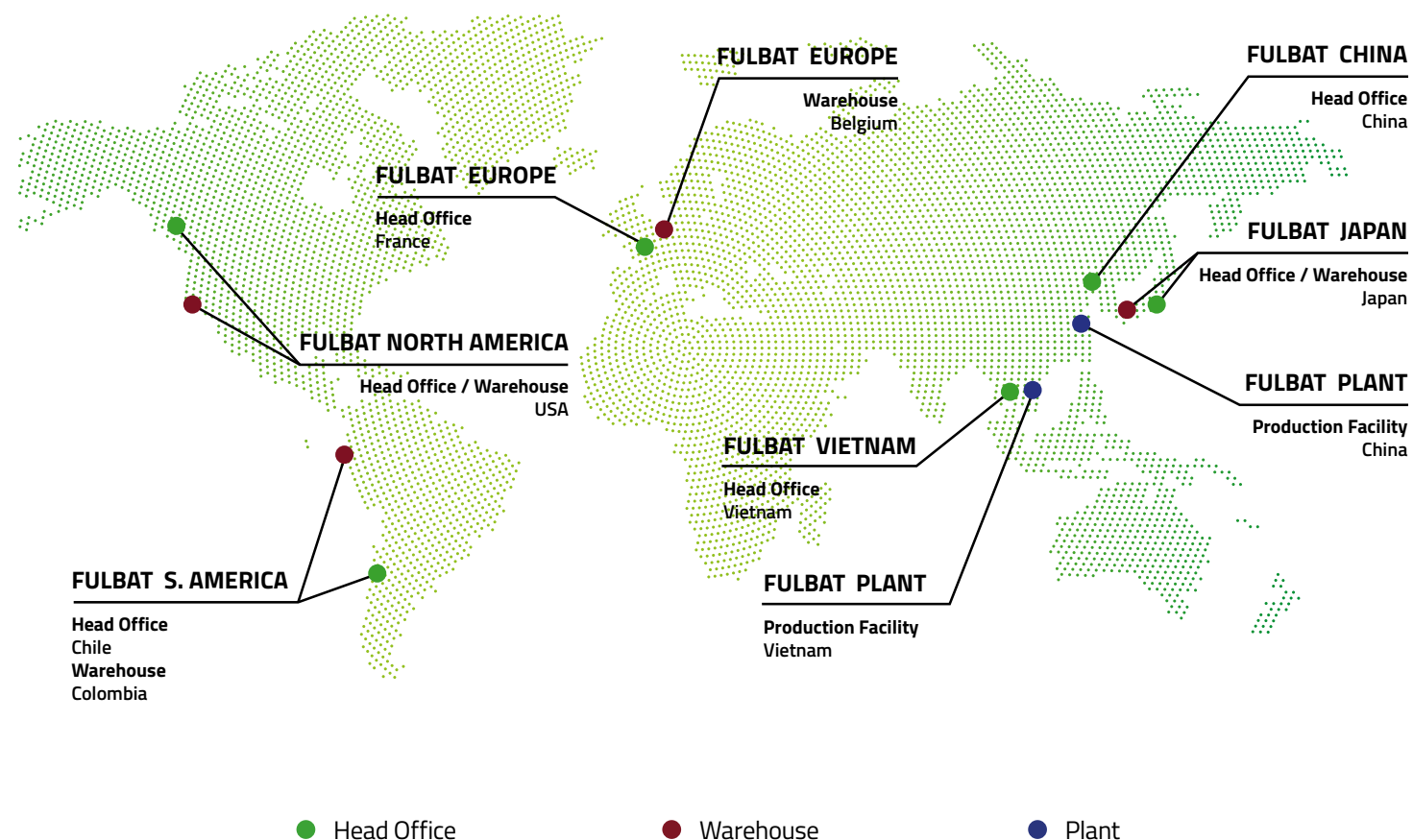
French based company, Fulbat is a leading force in the battery business, present in both replacement and OEM markets. Founded in 2005, we are constantly developing, manufacturing, marketing and selling lead-acid batteries, as well as lithium batteries and battery chargers.

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: LITHIUM (LiFePO4), GEL, MF & DRY.

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 competition.

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 powersport applications.



MOTORCYCLE



SCOOTER



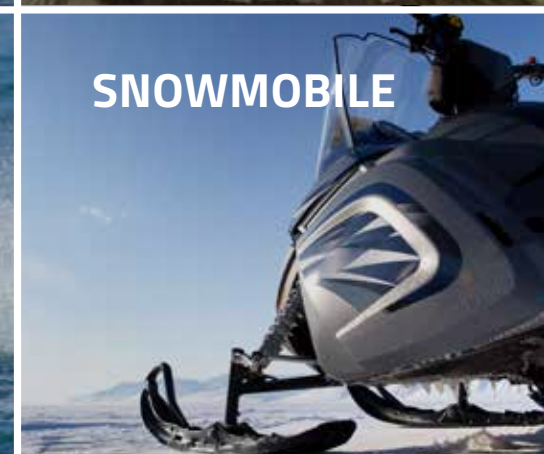
ATV



SSV-UTV



WATERCRAFT



SNOWMOBILE
















MAIN FEATURES

From DRY to lithium technology and from daily use to leisure, Fulbat batteries provide different performances and features.

LITHIUM (LiFePO4) RANGE

High performance & light weight

The new lithium range is designed to offer the ultimate riding experience. With ultra-light weight conception, this LiFePO4 range will ensure faster acceleration, higher performance, very low self-discharge and extreme cycle life. Fulbat lithium range is ideal for the most demanding riders.

		LITHIUM	GEL	MF	DRY
Performances	Cold Cranking Amp	★ ★ ★ ★	★ ★ ★	★ ★ ★	★ ★
	Cycle Life	★ ★ ★ ★	★ ★ ★	★ ★	★ ★
	Vibration resistance	★ ★ ★	★ ★ ★	★ ★ ★	★ ★
	Weight	★ ★ ★ ★	★	★	★
	Shelf Life in storage	★ ★	★ ★	★ ★ ★ ★	★ ★ ★ ★
Features	Fitting	    			 
	Ready to use	YES	YES	-	-
	Maintenance Free	YES	YES	YES	-
	No acid handling	YES	YES	-	-
	Easy to ship	-	YES	-	-
	Compliant with 2021 European (EU) 2019/1148 Regulation for the sale of acid for batteries	YES	YES	-	-
Multipositional fitment	<div><div> LITHIUM ±90°</div><div> MOUNTING ANGLES ±90°</div></div> <div><div> GEL ±90°</div><div> MOUNTING ANGLES ±90°</div></div> <div><div> MF -10°+20°</div><div> MOUNTING ANGLES ±25°</div></div> <div><div> DRY ±0°</div><div> MOUNTING ANGLES ±0°</div></div>				

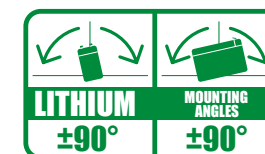
FEATURES













- ✓ Ultra lightweight
- ✓ High cold cranking performance
- ✓ Maintenance free & ready to use
- ✓ Multi-positional fitment
- ✓ Very low self-discharge
- ✓ Long life time
- ✓ Outstanding safety features
- ✓ Fast charging capabilities
- ✓ Integrated battery tester



COMPATIBLE CHARGERS

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



Fulbat designation 12V	Energy Wh	Capacity (10Hr) Ah	CCA (A)	Dimensions (±2mm)			Layout	Charging current (A)		Equivalent lead-acid battery types (most popular models)
				L	W	H		Std	Max	
FLTK01	24	2	140	86	48	90		1	4	KTM OE replacement
FLTZ5S	20.5	1.6	110	113	70	85		0.8	3.2	FB4L-B ; FTX4L-B ; FTZ5S ; FTX5L-B ; FTZ6S
FLTZ7S	25.6	2	140	113	70	85		1	4	FTZ7S ; FTZ8V
FLT7L	30.7	2.4	170	113	70	85		1.2	4.8	FTX7L-B
FLT9B	38.4	3	210	150	66	93		1.5	6	FT7B-4 ; FT9B-4 ; FT7B-B ; FT9B-B
FLT9	38.4	3	210	150	87	105		1.5	6	FTX9-B
FLTZ10S	51.2	4	280	150	87	93		2	8	FTZ10S
FLT12B	64	5	350	150	66	130		2.5	10	FT12B-4 ; FT14B-4 ; FT12B-B ; FT14B-B
FLT12	44.8	3.5	250	150	87	93		1.8	7	FTX7A-B ; FTX12-B ; FT12A-B
FLT14H	51.2	4	280	150	87	93		2	8	FTX14-B
FLTZ14S	64	5	350	150	87	93		2.5	10	FTZ12S ; FTZ14S
FLT20H	89.6	7	420	175	87	130		3.5	14	FTX20-B
FLT20HL	89.6	7	420	175	87	130		3.5	14	FB16CL-B ; FTX20L-B ; FTX20HL-B ; FHD20HL-B

BATTERY FINDER

Find the right battery for your vehicle on fulbat.com



GEL RANGE

Ready to use & maintenance free

The GEL battery range is designed to offer maximum performance and safety! Ready to use, the GEL battery will not require any acid handling, initial preparation or maintenance. Non-spillable design (VRLA) linked to its high performance make it the ideal battery for all powersports.

FEATURES

- Ready to use
- 100% maintenance free
- Easy to install
- Factory activated (VRLA)
- Non-spillable: easy to ship
- Multi-positional fitment
- Suitable for cold weather
- No acid handling
- Increased life time
- Specific HD terminals*
- Reinforced battery case*

COMPATIBLE CHARGERS

- Fulload 1000
- Fulbank 2000
- Fulload F4



NON-SPILLABLE



Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
12N5.5-3B	12	5.5	5.8	70	135	60	130		
12N5.5-4A	12	5.5	5.8	70	135	60	130		
FB3L-A/B	12	3	3.2	35	98	56	110		
FB4L-B	12	5	5.3	50	120	70	92		
FB5L-B	12	5	5.3	65	120	60	130		
FB7-A	12	8	8.4	120	135	75	133		
FB7C-A	12	8	8.4	85	129	89	114		
FB7L-B/B2	12	8	8.4	100	136	76	130		
FB9-B (12N9-4B-1)	12	9	9.5	115	135	75	139		
FB10L-A2/B2	12	11	11.6	120	133	90	145		
FB12A-A/B (12N12A-4A-1)	12	12	12.6	155	134	80	161		
FB12AL-A2	12	12	12.6	150	134	80	161		
FB14-A2/B2/FTX14AH-BS	12	14	14.7	175	135	90	167		
FB14L-A2/B2/FTX14AHL-BS	12	14	14.7	175	135	90	167		
FB14A-A2	12	14	14.7	200	134	88	176		
FB16AL-A2	12	16	16.8	210	205	70	162		
FB16CL-B	12	19	20	240	175	100	175		
FT4B-BS	12	2.3	2.4	40	113	38	85		
FTR4A-BS	12	2.3	2.4	45	113	48	85		

*For GEL FiTHD

Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
FTX4L-BS/FTZ5S	12	5	5.3	70	113	70	85		
FTX5L-BS/FTZ6S	12	5	5.3	90	113	70	105		
FTX7L-BS	12	6	6.3	100	113	70	130		
FTX7A-BS	12	6	6.3	90	150	87	93		
FTX9-BS	12	8	8.4	135	150	87	105		
FT12A-BS	12	10	10.5	175	150	88	105		
FTX12-BS	12	10	10.5	180	150	87	130		
FTX14-BS	12	12	12.6	200	150	87	145		
FTX14L-BS	12	12	12.6	200	150	87	145		
FTX14AH-BS/FB14-A2/B2 (12N14-4A)	12	14	14.7	210	135	90	167		
FTX14AHL-BS/FB14L-A2/B2 (12N14-3A)	12	14	14.7	210	135	90	167		
FTX16	12	14	14.7	230	150	87	161		
FTX20-BS	12	18	18.9	310	175	87	155		
FTX20A-BS	12	18	18.9	270	150	57	161		
FTX20HL-BS	12	18	18.9	310	175	87	155		
FTX24HL-BS/F50-N18L-A/A2/A3 (12N18-3A)	12	21	22.1	350	205	87	162		
FIX30L-BS	12	30	31.6	400	165	125	175		
FTZ7S	12	6	6.3	130	113	70	105		
FT7B-4	12	6.5	6.8	110	150	65	93		
FTZ8V	12	7	7.4	120	113	70	130		
FT9B-4	12	8	8.4	120	150	68	105		
FTZ10S	12	8.6	9.1	190	150	88	93		
FTZ12S	12	11	11.6	210	150	88	110		
FT12B-4	12	10	10.5	210	150	69	130		
FTZ14S	12	11.2	11.8	230	150	88	110		
FT14B-4	12	12	12.6	210	150	69	145		
F50-N18L-A/A2/A3/FTX24HL-BS (12N18-3A)	12	21	22.1	350	205	87	162		
53030 (F60-N30L-A)	12	30	31.6	300	186	130	171		

GEL FiTHD RANGE

High capacity reinforced battery

fiTHD

The GEL FiTHD range are high capacity reinforced batteries designed for Harley Davidson motorcycles as well as for Heady Duty application. With specific terminals and battery case, these batteries offer a maximum vibration resistance.

Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
NH12-20	12	20	21.1	250	186	82	171		
FHD14HL-BS	12	14	14.7	220	150	87	145		
FHD20HL-BS	12	20	21.1	310	175	87	155		
FHD30HL-BS	12	30	31.6	430	165	130	175		

MF RANGE

Maintenance free & easy to store

The MF battery range is designed to offer more comfort and performance. Maintenance free, the MF battery is delivered with a separate acid pack and needs to be filled and activated before the first use. Its AGM (Absorbed Glass Mat) design allows it to become sealed once activated and also improves the lifespan and resistance of the battery to harsh conditions.

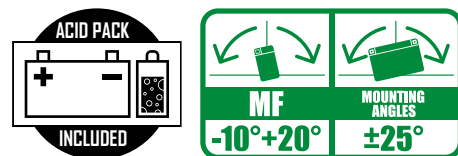
FEATURES

- ✓ AGM technology
- ✓ Delivered with acid pack
- ✓ Need to be filled before first use
- ✓ No maintenance once activated
- ✓ Higher life cycle
- ✓ Upright installation only
- ✓ Reduction of plate sulfation
- ✓ Suitable for cold weather
- ✓ Unlimited shelf life



COMPATIBLE CHARGERS

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



Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
FT4B-BS	12	2.3	2.4	40	113	38	85		
FTR4A-BS	12	2.3	2.4	45	113	48	85		
FTX4L-BS/FTZ5S-BS	12	4	4.2	50	113	70	85		
FTX5L-BS	12	4	4.2	80	113	70	105		
FTX7L-BS	12	6	6.3	100	113	70	130		
FTX7A-BS	12	6	6.3	105	150	87	93		
FTX9-BS	12	8	8.4	135	150	87	105		
FT12A-BS	12	10	10.5	175	150	88	105		
FTX12-BS	12	10	10.5	180	150	87	130		
FTX14-BS	12	12	12.6	200	150	87	145		
FTX14L-BS	12	12	12.6	200	150	87	145		
FTX14AHL-BS	12	12	12.6	210	135	90	167		
FTX14AH-BS	12	12	12.6	210	135	90	167		
FTX16-BS	12	14	14.7	230	150	87	161		
FTX20-BS	12	18	18.9	270	175	87	155		
FTX20A-BS	12	18	18.9	270	150	87	161		
FTX20L-BS	12	18	18.9	270	175	87	155		
FTX24HL-BS	12	21	22.1	350	205	87	162		
FIX30L-BS	12	30	31.6	400	165	125	175		



DRY RANGE

Easy to store

The DRY battery range offers an incomparable choice of 6V and 12V models. Delivered with an acid pack, the DRY battery must be activated before the first use and must be checked periodically. DRY construction, no maintenance is necessary during a long period of storage.

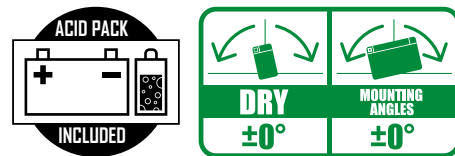
FEATURES

- ✓ DRY charged construction
- ✓ Activation before first use
- ✓ Periodically maintenance & refilled if necessary
- ✓ Upright installation only
- ✓ 6V & 12V batteries
- ✓ Regular life duration
- ✓ Unlimited shelf life



COMPATIBLE CHARGERS

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



Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
6N4-2A	6	4	4.2	25	71	71	96		-
6N4-2A-4	6	4	4.2	25	71	71	96		-
6N4B-2A	6	4	4.2	35	102	48	96		-
6N6-3B	6	6	6.3	50	99	57	111		
6N6-3B-1	6	6	6.3	50	99	57	111		
6N11A-1B	6	11	11.6	90	122	62	131		
6N11A-3A	6	11	11.6	90	122	62	131		
B39-6	6	7	7.4	60	126	48	126		
B49-6	6	8	8.4	80	91	83	160		
B38-6A	6	13	13.7	105	119	83	161		
12N5.5-3B	12	5.5	5.8	55	135	60	130		
12N5.5-4A	12	5.5	5.8	55	135	60	130		
FB3L-A	12	3	3.2	32	98	56	110		

Fulbat designation	Voltage (V)	Capacity Ah (10h)	Capacity Ah (20h)	CCA A (-18°C)	Dimensions (±2mm)			Assembly drawing	Terminal 3D
					L	W	H		
FB3L-B	12	3	3.2	32	98	56	110		
FB4L-B	12	4	4.2	56	120	70	92		
FB5L-B (12N5-3B)	12	5	5.3	65	120	60	130		
FB7L-B2 (12N7-3B)	12	8	8.4	85	135	75	133		
FB7-A (12N7-4A)	12	8	8.4	105	135	75	133		
FB7C-A	12	8	8.4	85	130	90	114		
FB9-B (12N9-4B-1)	12	9	9.5	130	135	75	139		
FB9L-B (12N9-3B)	12	9	9.5	130	135	75	139		
FB10L-A2	12	11	11.6	130	135	90	145		
FB10L-B2	12	11	11.6	130	135	90	145		
FB10L-BP (FB10L-B)	12	11	11.6	165	135	90	145		
FB12A-A (12N12A-4A-1)	12	12	12.6	155	134	80	160		
FB12AL-A	12	12	12.6	155	134	80	160		
FB12AL-A2	12	12	12.6	155	134	80	160		
FB12A-B	12	12	12.6	155	134	80	160		
FB12C-A	12	12	12.6	155	134	80	175		
FB14-A2 (12N14-4A)	12	14	14.7	175	134	89	166		
FB14L-A2 (12N14-3A)	12	14	14.7	175	134	89	166		
FB14L-B2	12	14	14.7	175	134	89	166		
FB14A-A2	12	14	14.7	175	134	89	176		
FB16B-A1	12	16	16.8	210	160	90	161		
FB16AL-A2	12	16	16.8	210	207	71	164		
FB16CL-B	12	19	20.0	240	175	100	175		
FB30L-B	12	30	31.6	300	165	130	176		
FB30CL-B	12	30	31.6	300	165	130	192		
F50-N18L-A	12	20	21.1	260	205	90	162		
F50-N18L-A3	12	20	21.1	260	205	90	162		
51814	12	-	19	210	186	82	171		
51913	12	-	19	210	186	82	171		
53030 (F60-N30-LA)	12	-	30	300	186	130	171		



UPGRADE CROSS REFERENCE CHART

DRY	MF	GEL	LITHIUM
12N5.5-3B		12N5.5-3B GEL	
12N5.5-4A		12N5.5-4A GEL	
FB3L-A ; FB3L-B		FB3L-A/B GEL	
FB4L-B		FB4L-B GEL	FLTZ5S
FB5L-B ; 12N5-3B		FB5L-B GEL	
12N7-4A ; FB7-A		FB7-A GEL	
FB7C-A		FB7C-A GEL	
FB7L-B ; FB7L-B2 ; 12N7-3B		FB7L-B/B2 GEL	FLTXX7L
FB9-B ; 12N9-4B1		FB9-B GEL	
FB10L-A2 ; FB10L-B2 ; 12N10-3A/B		FB10L-A2/B2 GEL	
FB12AL-A ; FB12AL-A2		FB12AL-A2 GEL	
FB12A-A ; FB12A-B ; 12N12A-4A-1		FB12A-A/B GEL	
FB14-A2 ; FB14-B2 ; 12N14-4A	FTX14AH-BS	FB14-A2/B2/FTX14AH-BS GEL	
FB14L-A2 ; FB14L-B2 ; 12N14-3A	FTX14AHL-BS	FB14L-A2/B2/FTX14AHL-BS GEL	
FB14A-A1 ; FB14A-A2		FB14A-A2 GEL	
FB16AL-A2		FB16AL-A2 GEL	
FB16CL-B		FB16CL-B GEL	FLTXX20HL
	FT4B-BS	FT4B-BS GEL	
	FTR4A-BS	FTR4A-BS GEL	
	FTX4L-BS/FTZ5S	FTX4L-BS/FTZ5S GEL	FLTZ5S
	FTX5L-BS	FTX5L-BS/FTZ6S GEL	FLTZ5S
	FTX7A-BS	FTX7A-BS GEL	FLTXX12
	FTX7L-BS	FTX7L-BS GEL	FLTXX7L
	FTX9-BS	FTX9-BS GEL	FLTXX9
	FT12A-BS	FT12A-BS GEL	FLTXX12
	FTX12-BS	FTX12-BS GEL	FLTXX12
	FTX14-BS	FTX14-BS GEL	FLTXX14H
	FTX14L-BS	FTX14L-BS GEL ; FHD14HL-BS GEL	
	FTX14AH-BS	FTX14AH-BS/FB14-A2/B2 GEL	
	FTX14AHL-BS	FTX14AHL-BS/FB14L-A2/B2 GEL	
	FTX16-BS	FTX16 GEL	
	FTX20-BS	FTX20-BS GEL	FLTXX20H
	FTX20A-BS	FTX20A-BS GEL	
FB16L-B ; FB18L-A	FTX20L-BS	FTX20HL-BS GEL ; FHD20HL-BS GEL	FLTXX20HL
F50-N18L-A3	FTX24HL-BS	FTX24HL-BS/F50-N18L-A/A2/A3 GEL	
FB30L-B	FIX30L-BS	FIX30L-BS GEL ; FHD30HL-BS GEL	
		FTZ7S GEL ; FTZ8V GEL	FLTZ7S
		FT7B-4 GEL	FLT9B
		FT9B-4 GEL	FLT9B
		FTZ10S GEL	FLTZ10S
		FTZ12S GEL	FLTZ14S
		FT12B-4 GEL	FLT12B
		FTZ14S GEL	FLTZ14S
		FT14B-4 GEL	FLT12B
		NH12-20 GEL	
51814 ; 51913			
12N18-3A ; F50-N18L-A		F50-N18L-A/A2/A3/FTX24HL-BS GEL	
F60-N30L-A ; 53030		53030 GEL	

LITHIUM

Ready to use
High CCA performance
Ultra lightweight

GEL

Ready to use
100% maintenance free
Non-spillable

MF

100% maintenance free
Higher cycle life
Unlimited shelf life

DRY

DRY charged construction
6 & 12V batteries
Unlimited shelf life

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

- Charges & maintains 6V/12V lead-acid batteries (GEL, AGM, MF, DRY, Ca/Ca, WET) & 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 & 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



BATTERY COMPATIBILITY:
Lead-acid & lithium
VOLTAGE:
6V/12V
CHARGING RATE:
1A
STAGES:
3

FULLLOAD F4

- Charges & maintains 6V/12V lead-acid batteries (GEL, AGM, MF, DRY, Ca/Ca, WET) & 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 & 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



BATTERY COMPATIBILITY:
Lead-acid & lithium
VOLTAGE:
6V/12V
CHARGING RATE:
2-4A
STAGES:
8

FULBANK 2000

- 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



BATTERY COMPATIBILITY:
Lead-acid & lithium
VOLTAGE:
6V/12V
CHARGING RATE:
3x2A
STAGES:
4

BOOSTER, TESTER & ACCESSORIES

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

- For vehicles equipped with WET, MF, SLA, GEL, Ca/Ca, AGM, EFB lead-acid battery (12V)
- Start engines up to 5.0L Gasoline & 3.0L diesel
- Charger for all types of electrical appliances by USB
- 3 Light modes: SOS, normal, flash
- Smart cables technology that protect the battery and onboard electronics anti-spark technology, protection against short-circuit, protection against polarity reversal
- Delivered with: protective storage case, smart cable, multiconnectors usb cable, cigarette plug leadset, 12V home charger and 8 pc supply connectors



FUNCTION:
Booster, powerbank & light
CAPACITY:
15Ah
START CURRENT:
300A
CURRENT PEAK:
600A

FULTEST 1

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



FUNCTION:
Battery & alternator tester
BATTERY COMPATIBILITY:
12V lead-acid

FULCONNECT

- Ideal solution if your battery is difficult to access
- Wire length: 600mm
- Eyelet internal dimensions: 6.4mm (M6)

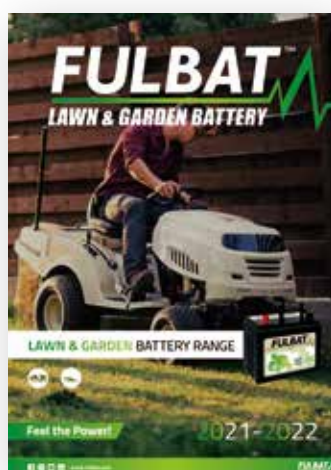


CHARGERS COMPATIBILITY:
Fullload 1000
Fullload F4
Fulbank 2000



Visit our website for more information
www.fulbat.com

DISCOVER **FULBAT** RANGES



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