SODIUM

HIGH-PERFORMANCE & SAFETY

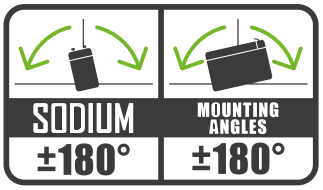


TECHNOLOGY

Powered by **Na+** technology, the **SODIUM** range has been developed to deliver a safer, more sustainable and **highly reliable alternative** for powersport applications.
Offering **exceptional thermal stability**, reliable cold-weather starting performance and reduced reliance on critical raw materials, SODIUM represents the **next evolution** in battery technology.

Enhanced by an integrated **Current Interrupt Device (CID)**, a built-in safety mechanism designed to protect the battery under abnormal conditions, the range delivers confidence, durability and performance wherever the journey leads.





FEATURES

» **Ready-to-use:** *no activation required*
» **100% maintenance-free:** *hassle-free operation*
» **Very low self-discharge:** *long-lasting charge retention*
» **Overdischarge resistance:** *Overdischarge without damage*
» **Wide operating range:** *performs from -20°C to 60°C*
» **Ultra-lightweight:** *significantly lighter than Lead-acid batteries*
» **High cold-cranking performance:** *reliable starts in any condition*
» **Easy installation:** *includes foam spacer for perfect fit*
» **Ultra-safe:** *integrated Current Interrupt Device (CID)*
» **Rapid recharge:** *get back on the road faster*
» **Multi-positional fitment:** *up to 180°*

COMPATIBLE CHARGERS*

» **FULLOAD F1:** *battery capacity up to 20Ah*
» **FULLOAD F4:** *battery capacity up to 80Ah*
» **FULBANK F2:** *battery capacity up to 40Ah*

**SODIUM batteries can be charged by using LITHIUM function.*

DESIGNATION	P/N	POWER (Wh)	CAPACITY Ah (10hr)	CCA (A)	DIMENSIONS (+/- 2 mm)			POLARITY	CHARGING CURRENT (A)		EQUIVALENTS	
					L	W	H		STD	MAX	LITHIUM	LEAD-ACID
FSTX4L/5L/7L FSTZ5S/6S/7S	**560701**	54	4.5	160	113	70	87	- +	2.25	9	FLTX4L/5L/7L+ FLTZ5S/6S/7S+	FB4L-B, FTX4L-BS/ FTZ5S, FTX5L-BS/FTZ6S, FTX7L-BS, FTZ7S, FTZ7V, FTZ8V
FST7B/9B	**560702**	60	5	250	150	65	94	+ -	2.5	10	FLT7B/9B	FT7B-4, FT7B-BS, FT9B-4, FT9B-BS
FSTX7A/9/12/14 FSTZ10S/12S/14S	**560703**	84	7	245	150	86	94	+ -	3.5	14	FLTX7A/9/12/14 FLTZ10S/12S/14S	FTX7A-BS, FTX9-BS, FT12A-BS, FTX12-BS, FTX14-BS, FTZ10S, FTZ12S, FTZ14S



BATTERY TECHNOLOGIES COMPARISON

		SODIUM	LITHIUM	LEAD-ACID
FEATURES	Operation temp. range	-20°C to 60°C	-5°C to 60°C	-20°C to 60°C
	Safety	Good thermal stability	BMS protection mandatory	Good thermal stability
	Charging time	Ultra-fast (up to 2.5C)	Rapid (up to 1C)	Slow (0.2-0.5C)
	Overdischarge resistance	Excellent	Average	Bad
	Energy density	≥ 120Wh/kg	≥ 150Wh/kg	≥ 45Wh/kg
	Cycle life (50% DOD)	≥ 4500	≥ 4500	≥ 800

FROM DRY TO SODIUM TECHNOLOGY FROM DAILY USE TO LEISURE

Discover our battery technologies.

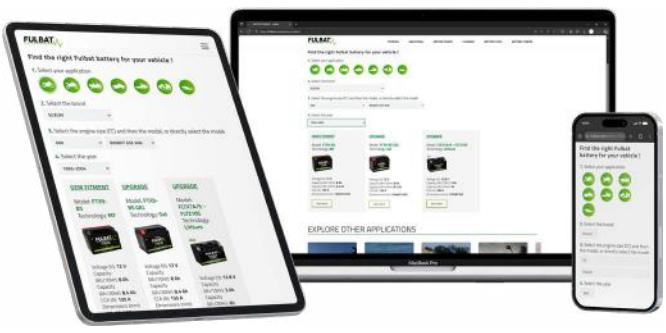
From reliable DRY batteries to cutting-edge SODIUM, FULBAT offers a complete range of technologies engineered to match every rider's needs. Each battery type (DRY, MF, GEL, LITHIUM and SODIUM) is carefully developed to deliver the right balance of performance, durability, and convenience.

Whether it's for everyday commuting, weekend adventures, or high-demand performance, there's a FULBAT battery perfectly suited to your ride.



		SODIUM	LITHIUM	GEL	MF	DRY
PERFORMANCE	Cold Cranking Amp	●●●●●	●●●●●	●●●●○	●●●●○	●●●○○
	Cycle Life	●●●●●	●●●●●	●●●●○	●●●○○	●●●○○
	Vibration resistance	●●●●○	●●●●○	●●●●○	●●●●○	●●●○○
	Weight	●●●●●	●●●●●	●●○○○	●●○○○	●●○○○
	Shelf life in storage	●●●●○	●●●●○	●●●○○	●●●●●	●●●●●
FEATURES	Ready-to-use	✓	✓	✓	-	-
	Maintenance-free	✓	✓	✓	✓	-
	No acid handling	✓	✓	✓	-	-
	Easy-to-ship	✓*	✓*	✓	-	-
	Compatible e-commerce (compliant with 2021 European (EU) 2019/1148 Regulation for the sale of acid batteries)	✓	✓	✓	-	-
	Multipositional fitment	SODIUM ±180° / MOUNTING ANGLES ±180°	LITHIUM ±180° / MOUNTING ANGLES ±180°	GEL ±90° / MOUNTING ANGLES ±90°	MF -10°+20° / MOUNTING ANGLES ±25°	DRY ±0° / MOUNTING ANGLES ±0°

**According to ADR, IMDG & IATA regulations*



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