

ENEROC

6 Years
Warranty

Forklift Lithium-ion Battery



Safe and Reliable

Safe Design: Equipped with a built-in extinguisher.

Advanced Technology: Utilizes LiFePO4 battery cells, the safest and most energy-efficient lithium-ion technology.

Thoroughly Tested: Over 273 tests conducted during R&D.



Long Service Life

More than 4,000 cycles.



Maintenance Free

No need for watering or acid level checks.



Fast Charging

Fully charges within 2 hours, enables safe opportunity charging without risk of battery damage.



Wide Operating Temperature

Equipped with an automatic heating pad, ensuring efficient operation from -30°C to 60°C.



Total Cost of Ownership (TCO) over 5 years

Achieves approximately 55% TCO reduction compared to lead-acid batteries.



Why Choose ENEROC Lithium Batteries

REMA / ANDERSON Plug

Offers reliable, high-quality, and durable connection devices that ensure efficient and low-loss use of electrical energy.

High-quality Display

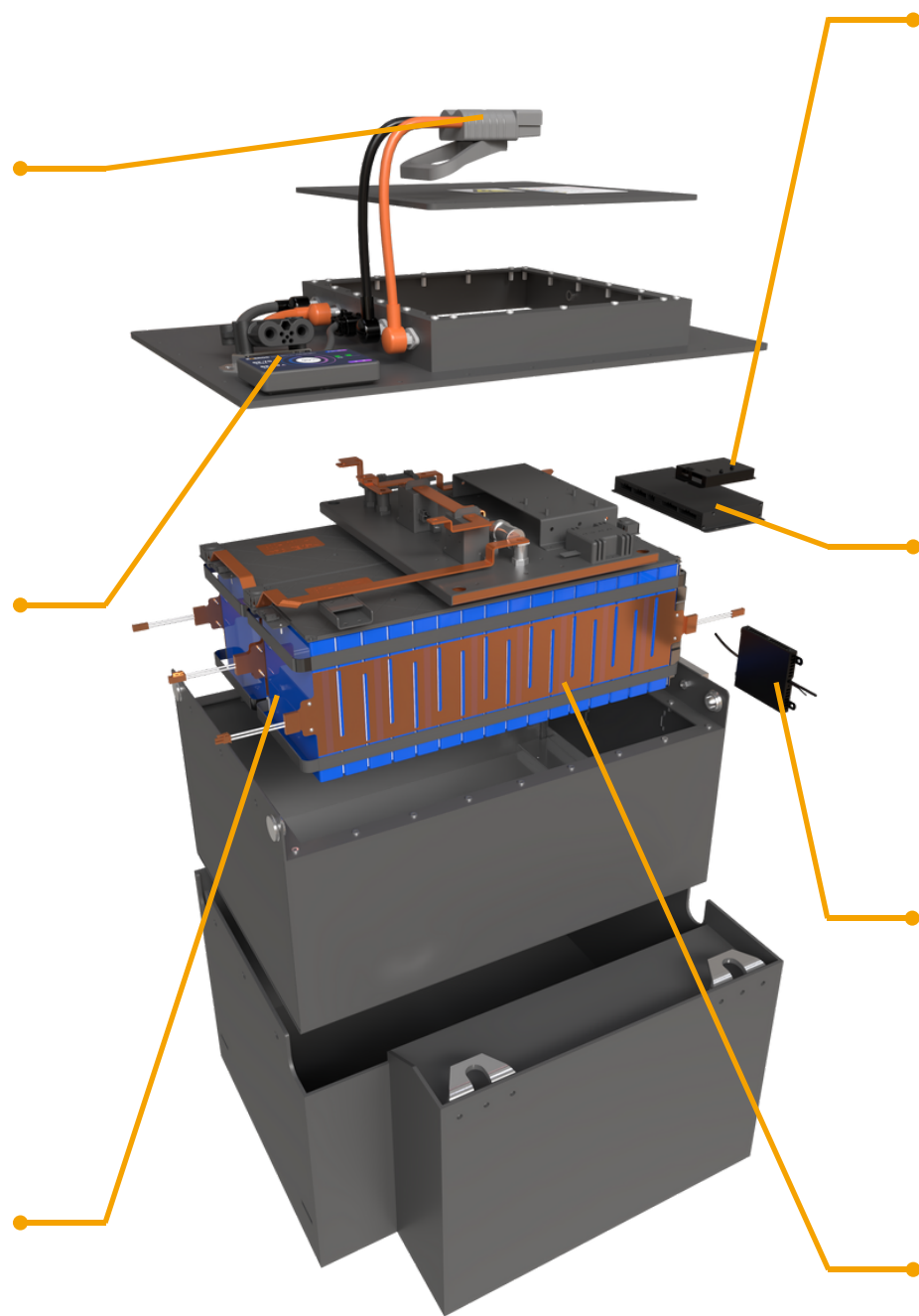
Clear visualization of all key data through an intuitive touch screen interface for effortless interaction.

Supports multiple languages, including English, Chinese, French, Spanish, Korean, and Japanese.

CATL Battery Cell

The world's safest and most advanced LiFePO4 battery cell, engineered for a 12-year lifespan and a 6-year warranty.

Each cell undergoes comprehensive charge and discharge testing prior to production.



TBMS (optional) Telematics Battery Monitoring System

Remotely monitor battery status and automatically collect and analyze data for seamless communication and maintenance.
Effortlessly upgrade software via OTA and enhance fleet management capabilities for rental businesses.

Built-in BMS

ENEROC self-developed BMS with an intelligent balancing strategy ensures maximum performance and reliability of the battery.

Fire Extinguisher (optional)

Automatically detects smoke and extinguishes flames in seconds.

Heating Pad

Enhances battery performance in low temperatures, allowing operation at -30°C.

Global leading brands select ENEROC for their forklifts

JUNGHEINRICH



HD HYUNDAI



HELI

NOBLELIFT

LONKING



ZOOMLION



Benefits of Lithium-ion Batteries

	ENEROC Lithium Iron Phosphate (CATL LFP)  VS Lithium Nickel Manganese Cobalt Oxide (NMC) VS Lead-acid Battery		
Design Lifetime	Up to 12 years	5-10 years	2-3 years
Price	Moderate	Expensive	Cheap
Cycles (DOD 85%)	> 3000 times	2000 times	< 800 times
Energy	188 WH/kg	250 WH/kg	35-40 WH/kg
Thermal Runaway	> 800 °C	> 210 °C	Acid Explosion
Environment	No Pollution		Harmful Emission
Maintenance	No Maintenance		Frequent maintenance
Charge Efficiency	> 95%		70%
Charging	2hrs from 0% to 100% with 0.5C Opportunity charging is available		8hrs (Opportunity charging N/A)
Low Temperature	Stable Discharge 85-75% w/ Eneroc's Heating Pad	Discharge 74%	Unstable discharge
TBMS	TBMS (BMS and OTA Upgrade function)	Optional	Not Available

In addition to the brands listed above,
ENEROC also offers lithium battery solutions for other forklift brands.

Aisle Master

Baoli

Big Joe

Caterpillar

Combilift

Columbia

Crown

Hangcha

Heli

Hyster

Jungheinrich

Kalmar

Linde

Komatsu

Manitou

Mariotti

Motrec

Raymond

Rico

Schreck

Steinbock

Toyota

UniCarriers

Yale

Product List

Maker	Forklift Model	Voltage(V)	Capacity(Ah)	Battery Tray Size (mm)		
				L	W	H
T O Y O T A	7FBR10/7FBR13	51.52	173	956	260	546
	7FBR15	51.52	228	956	375	555
	7FBR20/7FBR25	51.52	268	1150	403	570
		51.52	302	1150	403	570
	7FB15/7FB18	51.52	346	815	740	475
		51.52	400	815	740	475
	7FB20/7FB25	51.52	346	905	815	479
		51.52	400	905	815	479
		51.52	456	905	815	479
	7FBH15/7FBH18	51.52	346	815	740	555
		51.52	400	815	740	555
		51.52	456	815	740	555
	7FBH20/7FBH25	51.52	456	815	905	545
		51.52	536	815	905	558
		51.52	600	810	905	555
	7FB30-35 7FBH30-35 7FBJ35	83.72	268	815	948	589
		83.72	346	815	948	589
		83.72	346	815	948	589
	7FB40	83.72	456	1030	1000	785
	8FBN15-25	51.52	346	985	540	627
		51.52	400	985	540	627
		51.52	456	985	630	627
		51.52	519	985	630	627
		51.52	519	985	630	627
	8FBN30	83.72	302	1052	727	627
N I C H I Y U	FB9PN-50	25.76	346	660	470	450
	FBR10/13-60	25.76	346	960	235	540
	FBR10-75					
	FBRM13H-70	51.52	173	960	270	555
	FBR10-H60					
	FBRMA15/18	51.52	228	956	375	555
		51.52	268	956	375	568
			302	956	375	568
	FBR20/25	51.52	268	1125	373	555
	FB15/18	51.52	346	970	600	470
	FB20		400	970	664	470
	FB25/28	51.52	400	970	730	470
		51.52	456	970	730	470
	FB30/40	77.28	346	1090	979	470
		77.28	400	1080	980	470
	FBC20/25/30	77.28	302	1015	650	780
		77.28	346	1015	650	780
	FBC25/30P	77.28	519	1015	650	780
	FBT70/75 SERIES	51.52	268	947	435	630
		51.52	302	947	435	630
		51.52	346	1027	535	630
		51.52	346	1027	535	630
		51.52	400	1027	535	630
K O M A T S U	FB13M-12	51.52	228	960	375	565
	FB15EX-5-11	51.52	346	980	665	467
	FB20(25)SE-5-11	51.52	400	980	840	465
		51.52	456	980	840	465
		51.52	519	980	840	465
		51.52	519	980	840	465
	FB10-12	51.52	268	970	529	575
	FB14(15)(18)-12	51.52	346	970	529	575
	FB20-12	51.52	400	970	529	575
		51.52	456	970	529	575

Maker	Forklift Model	Voltage(V)	Capacity(Ah)	Battery Tray Size (mm)		
				L	W	H
D O O S A N	BRA8S-2	51.52	228	980	330	570
		51.52	268	980	330	570
	BR25S-2	51.52	302	980	385	570
	B20S-3	51.52	519	1025	887	525
	B25S-3	51.52	604	1025	887	525
	BT/BX	51.52	456	980	627	625
	B15S-5	51.52	346	1000	720	465
	B18S-5	51.52	400	1000	720	465
	B20S-5	51.52	604	1025	887	525
	B25S-5	51.52	604	1025	887	525
	B30/32S-S	51.52	692	1025	1037	525
C L A R K	EPX16/18/20S	51.52	400	973	733	470
		51.52	456	973	733	470
	EPX20/25	51.52	456	980	785	525
		51.52	519	980	785	525
		51.52	600	980	785	525
	EPC30/35	51.52	600	980	990	525
	CRX15/18	51.52	228	965	375	555
		51.52	268	965	375	575
	CRX20/25	51.52	268	1125	373	555
		51.52	302	1125	373	555
H Y U N D A I	10/13BR	51.52	173	994	270	581
	15BR	51.52	228	994	378	5817
	18BR-7/9	51.52	228	994	378	5817
	20/25BR-7/9	51.52	268	994	378	5817
		51.52	302	994	378	5817
	15BT-7/16B-7	51.52	400	990	545	635
	15BT-9/16B-9	51.52	346	978	545	635
		51.52	400	978	545	635
	18/20B(T)-7	51.52	456	990	630	635
	18/20B(T)-9	51.52	456	978	630	635
	22B-7	51.52	519	1066	796	537
	22B-7/25B-7	51.52	519	1066	796	537
		51.52	600	1066	796	537
	30B/32B-7	51.52	604	1066	990	537
	22B/25B-9	51.52	456	1030	796	533
		51.52	600	1030	796	533
	30B/35B-9	51.52	536	1030	990	533
		51.52	600	1030	990	533
S U M I T O M O	61-FBR13NE	51.52	173	870	328	560
	61-FBR15,8FBR18	52.52	228	956	375	555
	62-FBR25	53.52	302	960	375	565
	FB15-15B	77.28	200	980	468	550
		77.28	228	980	465	780
		77.28	268	980	465	780
	8FB15PX-18PX	51.52	346	980	465	780
	51-FB25PE 8FB25PX	77.28	346	980	472	780
		77.28	346	1028	710	570
		77.28	400	1028	570	780
	8FB25PX II	51.52	519	1028	570	780

Global Leader of Industrial Motive Powered Lithium-ion Battery

Established in 2018 and headquartered in Hangzhou, China, ENEROC specializes in R&D, manufacturing and sales of motive battery packs, BMS, chargers, motors and controllers for non-road vehicles. ENEROC is the leader in lithium-ion battery solution for industrial vehicles. We are committed to pushing forward the progress of energy revolution and to empowering every industrial vehicle with advanced, reliable and efficient solution.



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