

6 Years
Warranty

Eneroc New Energy Technology Co.,Ltd Forklift Lithium-ion Battery



Safe and Reliable

Advanced Technology: Utilizes LiFeP04 battery cells, the safest and most energy-efficient lithium-ion technology
Thoroughly Tested: Over 273 tests conducted during R&D.



Built-in Fire Protection System

Proactively addressing fire risks and protecting batteries and surrounding equipment



Maintenance Free

No need for watering or acid level checks.



Long Lifespan and Fast Charging

Long lifespan: Over 3500 cycles with over 70% capacity remaining
Fast charging: Fully charges within 2 hours, supporting safe charging mode to avoid battery damage.



Wide Operating Temperature

Equipped with an automatic heating pad, ensuring efficient operation up to -35°C to 65°C, working their best in 25°C to 60°C.



Remote System

Monitor and manage systems remotely through the cloud platform and 4G



Product List

Model	Nominal Voltage	Nominal Capacity (Ah)	Energy (kWh)	L (mm)	W (mm)	H (mm)	Weight (KG)	IP	Certification
SSBA1	25.76V	125	3.22	470	145	510	47	IP65	UN38.3、CE
SSBA2		173	4.46	498	195	384	55	IP65	UN38.3、CE
SSBA3		200	5.15	525	223	440	57	IP65	UN38.3、CE
SSBA4		228	5.87	560	192	440	66	IP65	UN38.3、CE
SSBA5		268	6.90	560	225	480	68	IP65	UN38.3、CE
SSBA6		302	7.78	525	195	580	80	IP65	UN38.3、CE
SSBA7		456	11.75	600	192	680	110	IP65	UN38.3、CE
SSBC1	51.52V Counterweight	268	13.81	936	336	372	120	IP67	UN38.3、CE
SSBC2		302	15.56	800	275	575	155	IP67	UN38.3、CE
SSBC3		346	17.83	846	346	570	173	IP67	UN38.3、CE
SSBC4		400	20.61	771	500	378	175	IP67	UN38.3、CE
SSBC5		456	23.49	780	455	560	230	IP67	UN38.3、CE
SSBC6		536	27.61	693	495	574	233	IP67	UN38.3、CE
SSBC7		600	30.91	793	505	585	264	IP67	UN38.3、CE
SSBC8		684	35.65	793	585	585	300	IP67	UN38.3、CE
SSBC9		804	41.42	900	525	575	330	IP67	UN38.3、CE
SSBC10		906	46.68	900	525	575	395	IP67	UN38.3、CE
SSBC11	51.52V Reach-truck	400	20.61	847	280	680	190	IP67	UN38.3、CE
SSBC12		456	23.49	1110	275	680	227	IP67	UN38.3、CE
SSBC13		536	27.61	1110	289	680	244	IP67	UN38.3、CE
SSBC14		604	31.12	870	417	575	285	IP67	UN38.3、CE
SSBC15		684	35.24	1090	417	575	300	IP67	UN38.3、CE
SSBC16		804	41.42	1110	460	575	330	IP67	UN38.3、CE
SSBD1	77.28V	268	20.71	1015	290	575	233	IP67	UN38.3、CE
SSBD2	80.5V	302	24.31	900	425	575	235	IP67	UN38.3、CE
SSBD4		400	32.2	850	505	575	307	IP67	UN38.3、CE
SSBD5		456	36.71	905	550	585	335	IP67	UN38.3、CE
SSBD6		536	43.15	865	590	575	367	IP67	UN38.3、CE
SSBD7		604	48.62	970	590	575	425	IP67	UN38.3、CE
SSBD8		684	55.06	955	705	575	485	IP67	UN38.3、CE
SSBD9		804	64.72	1000	690	600	525	IP67	UN38.3、CE
SSBD10		906	72.93	970	815	575	630	IP67	UN38.3、CE
SSBD11		1072	86.3	970	920	600	670	IP67	UN38.3、CE



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Why Choose ENEROC Lithium Batteries

Remote System (optional)

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.

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.

Heating Pad

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

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 type undergoes comprehensive charge and discharge testing prior to production.

Built-in BMS

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

Fire Extinguisher

Automatically detects smoke and extinguishes flames in seconds.

REMA/ANDERSON Plug

Offers reliable, high-quality and durable connection that ensures efficient and low-resistance flow of electrical energy.

Onboard Charger (OBC)

Features comprehensive safety design, intelligent communication with BMS, high efficiency conversion rate for energy savings and environmental protection. Also supports AC slow charging for greater flexibility.

Benefits of Lithium-ion Batteries

	ENEROC Lithium Iron Phosphate (CATL LFP)	Lithium Nickel Manganese Cobalt Oxide (NMC)	Lead-acid Battery
Design Lifetime	Up to 12 years	5-10 years	2-3 years
Price	Moderate	Expensive	Cheap
Cycles (DOD 85%)	>3500 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 Emissions
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
4G Module	4G Module (BMS and OTA Upgrade function)	Optional	Not Available

Global leading brands which select ENEROC for their forklifts

JUNGHEINRICH



NOBLELIFT



ZOOMLION

CERTIFICATES

MSDS

UL

CE

UN38.3

