



A New Era in Energy Storage

B-LFP48-125E 51.2V 125Ah



SUB SAHARA SOLAR

The LFP 51.2V 125Ah Energy Storage Systems are a family of 51.2V battery modules and accessories. The 51.2V family is designed as a drop-in replacement for similar sized lead-acid batteries offering twice the run-time and nearly half the weight. The 51.2V series is designed for lower voltage, lower power and longer run-time applications. They are built with LFP Technology that offers outstanding intrinsic safety and excellent float and cycle life resulting in low cost of ownership.



ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V (16S)
Nominal Capacity	125 AH
Energy	6400 WH
Efficiency	99%
Self Discharge	<1% per Month

DISCHARGE SPECIFICATIONS

Max. Continuous Discharge current	105A
Peak Discharge current	160A
Standard Discharge current	50A
Voltage at end of Discharge	47 – 48V

TEMPERATURE SPECIFICATIONS

Discharge Temperature	(-20 – 60 °C)
Charge Temperature	(0 – 45 °C)
Storage Temperature	(-20 – 55 °C)

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	442*520*177MM
Weight	59KG
Case Material	Steel
Cell Type	Prismatic
Chemistry	LiFePO4

CHARGE SPECIFICATIONS

Recommended charge current	50A
Maximum Charge current	80A
Recommended Charge Voltage	55V
Charge Mode	CC/CV

COMPLIANCE SPECIFICATIONS

Certifications	CE (battery)
	UN 38.3 (battery)
	ROHS 2.0 (cells)
Shipping Classification	UN 3480, CLASS 9



When it comes to reliability,
our lithium batteries won't let you down.

Certifications Applicable to the Design and
Manufacture of Lithium Iron Phosphate Batteries

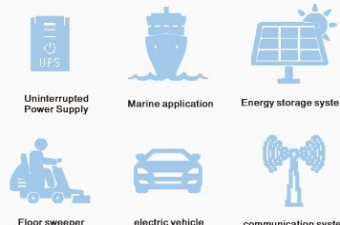


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Application



Safe

BSLBATT® batteries are based on Lithium iron battery technology (LiFePO4). This is the safest Lithium technology available today. On top of that our bespoke casing and electronics further increase safety and durability.

Technology

BSLBATT's BATTERIES do not contain lead. LiFePO4 technology is an environmentally friendly way to store energy.