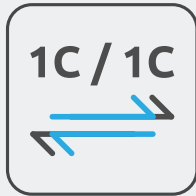


STORAGE REDEFINED

LiFeTIDE 51.2V | 100Ah 5120Wh | LiFePO4 Battery



6,000 Cycles*
@ 80% DoD



1C/1C Continual
Charge & Discharge



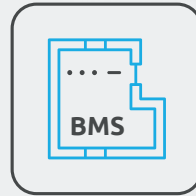
Tier 1 | A+
LiFePO4 Cells



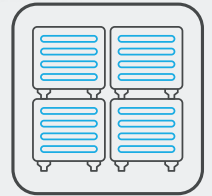
Easy Mounting
or Racking



Built-In
Fire Extinguisher



Smart
BMS



Stackable to
16 Batteries

LiFeTIDES 's battery BMS supports simultaneous communication and is compatible with multiple inverter brands

COMPATIBILITY

Growatt

LU X POWER

Deye

victron energy
BLUE POWER



RCT
MADE FOR YOU

SUN SYNK®

phocos

LIFETIDE 5120WH BATTERY

SPECIFICATION SHEET

Our LiFeTIDE 51.2V 100Ah batteries offer second to none price to performance. Tier 1 A+ Cell Composition. 99% Efficiency LiFePO4 16 cell Pack. Laser Welded Cell Poles. Flexible Racking Options. Ultra-reliable Built-In Battery Management System.

100A

Built-In **BMS**

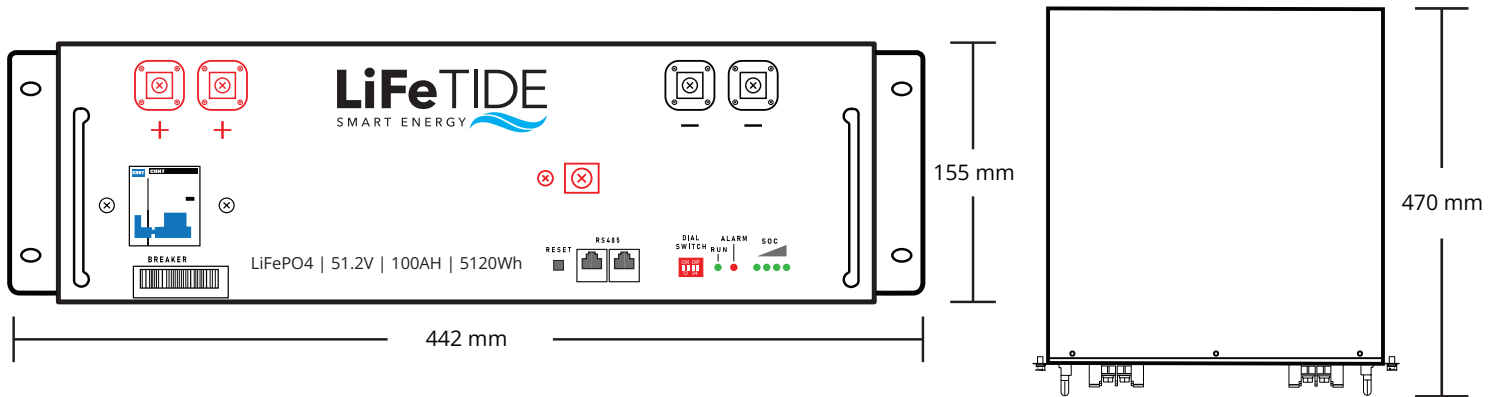
5120Wh

Storage **Capacity**

48V

Battery **Voltage**

DIMENSIONS



SUPERIOR

PERFORMANCE

WARRANTY

Our LiFePO4 battery comes with a 5 year, 6 000 Cycle comprehensive warranty, providing you with peace of mind and assurance. You can rely on LiFeTIDE batteries for long-lasting performance and exceptional quality.

PEACE OF MIND PERFORMANCE

- ✓ 6,000 CYCLES @ 80% DoD*
- ✓ LASER WELDED CELL CONNECTIONS
- ✓ STACK UP TO 16 BATTERIES
- ✓ RACK MOUNT DESIGN
- ✓ BUILT-IN FIRE EXTINGUISHERS
- ✓ TIER-1 | A+ CELLS
- ✓ BUILT-IN CIRCUIT BREAKER
- ✓ RS485 COMMUNICATION

*Test Condition: 80% DOD, 0.5C charge & discharge @25°C

We reserve the right to change information without prior notice. Information is checked to ensure for accuracy, however we will not be held responsible for clerical errors (Errors and Omissions Excepted)

LiFeTIDE South Africa

+27 10 012 6841

[@LiFeTide](#)

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sales@lifetide.co.za



LIFETIDE 5120WH BATTERY SPECIFICATION SHEET

DIMENSIONS

Length	470mm
Width	442mm
Height	155mm
Weight	48kg

ENVIRONMENTAL PARAMETERS

Charging Range	0°C to 50°C
Discharge Range	-20°C to 55°C
Storage Range	0°C to 45°C

GENERAL SPECIFICATIONS

Battery Type	LiFePO4
Voltage	51.2V
Nominal Capacity	100Ah
Watt-hour(s)	5120Wh
Charging Voltage (Bulk/Absorb)	56.2V ± 0.2V
Float	54V ± 0.2V
Low DC Cutoff	47-44V depending on load
Charging Current	100A 30-50A recommended
Discharging Current	100A

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