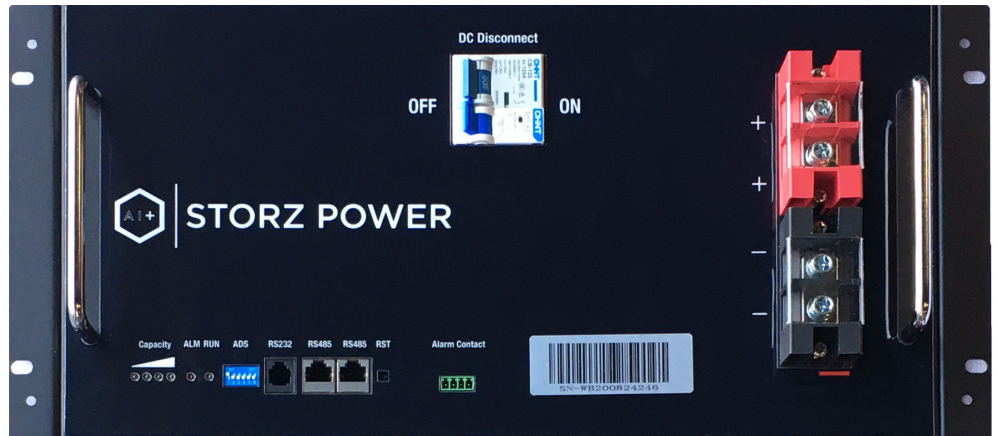


LiFePO4 Battery

Model #: SP5.12-LFPv4

Lithium-Iron Phosphate (LFP)
5.12 kWh Battery



Energy Capacity

5.12 kWh
100% depth of discharge
(at 1C Rate at 77°F)
98% round trip efficiency
100 (Ah)

Size & Weight:

17" x 17" x 8.75"
106 lbs.

Cycle Life

8,000+ @ 77°F
Storage temp <86°F
State of charge 20%-60%

Battery Chemistry

Lithium-Iron Phosphate (LFP)
Temperature range: 14°F to 113°F
(best between 77°F to 87°F)
Included
BMU/BMS/Modbus/Terminals
Metal casing

Battery Installation

Rack or floor mounted

Stacking

Up to 14 units in parallel

Voltage

51.2 V nominal voltage
44-56.8 V voltage range

Current

Continuous charge 100 A
Continuous discharge 100 A
Peak 120 A, $\leq 0.3s$

Communication Type

Double RS485

Cooling

Natural convection - no fan

Protection Function

Over-charge, over-discharge, over-current, short circuit, temperature

Compatibility

Most PV inverter manufacturers & grid-tied PV systems

Certifications

UL 1642, UN 38.3, ANSI/CAN/UL-1973, UL 9540-9540a ready

Warranty:

15 year performance warranty or
8,000 cycles @ 77°F
10 year product warranty



10 kWh

20 kWh

40 kWh