



## Lithium Iron Phosphate Battery Series

LFP12-54 | Technical Datasheet

LiFePO4 12.8V 54Ah, 675Wh

## Features

1. Designed and Engineered by Taqetna
2. High energy density and conversion efficiency
3. Compatible with all mainstream Inverters
4. Environmentally friendly; heavy-metals free.

## Technical Specifications

Item	Specification
Model	LFP12-54
Rated Capacity	54Ah
Nominal Voltage	12.8V
Max Charge Voltage	14.6V
Discharge Cut Off Voltage	9.2V
Charge Current	25A
Max. Continuous Discharging Current	50A
Weight	Approx. 7.5Kgs
Terminal	Screw Terminal / Copper terminal
BMS Protection (optional)	Over-Charge, Over-Discharge, Over-Current and Short Circuit
Dimension (L*W*H)	230*138*214mm
Outer Package Material	ABS Cover
Operating Temperature	Charging: 0~45°C Discharging: -20~60°C Storage: 0~45°C
Cycles	2000 cycles @100% D.o.D, remaining 80% Capacity
Design Lifespan	10 years
Warranty	3 Years

## Product Design

<p>BMS</p> <p>Monitors the temperature of the cells in all modes of operation</p>	<p>LiFePO4 Cell Package</p>	<p>LiFePO4 in ABS Box</p>
		