

51.2V280Ah

Lithium iron phosphate battery

✓ **Applications:** Home power supply, small industrial and commercial daily power supply, off-road, camping, long-distance self-driving power supply; Emergency power supply.

✓ **Features:**

- ① Customized BMS communication protocol, Bluetooth, wifi, cloud monitoring and other functions can be customized, panel customization;
- ② Support parallel connection, increase flexibility;
- ③ Unique design patent
- ④ A variety of specifications and volumes to choose from;
- ⑤ Built-in battery management system, automatic protection;
- ⑥ Long cycle life;
- ⑦ High energy density, high power;
- ⑧ Fast charging;
- ⑨ The volume smaller than similar, more space-saving;
- ⑩ Convenient installation, simple connection.



Parallel support



Customization



Multiple specifications



Safe and reliable

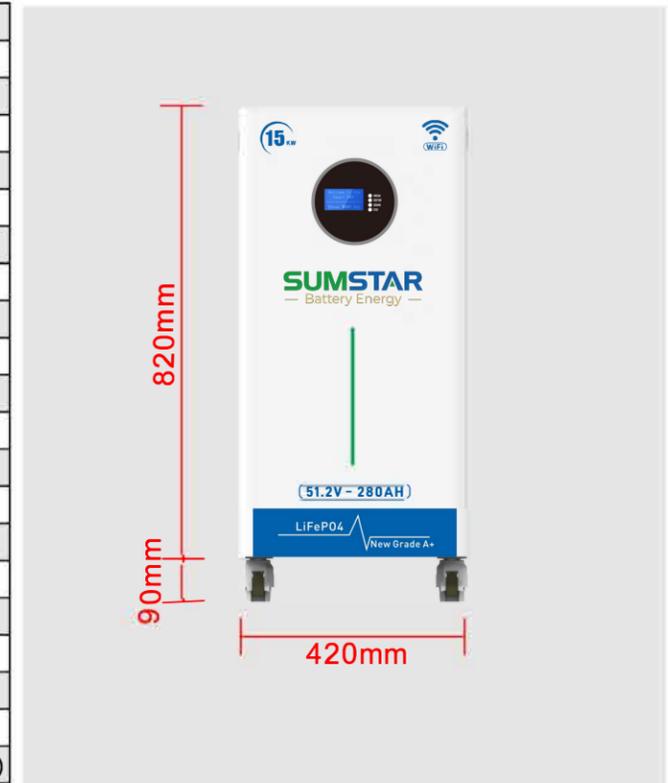


Easy to install

51.2V280Ah Mobile energy storage

General parameters:

Type number	51.2V280Ah
Nominal voltage (V)	51.2V
Nominal capacity (Ah)	280Ah
Nominal energy (Kwh)	14.336KWh
Maximum output power (KW)	10.24KW
Combination mode	16S1P
Charging mode	CC/CV/CP
Charging current	0.2C(56A)
Maximum continuous charging current	140A
Charge cut-off voltage (V)	58.4V
Discharge mode	CC/CV/CP
Discharge current	0.2C (56A)
Maximum continuous discharge current	200A
Discharge cut-off voltage (V)	43.2V
Display	LCD
Communication interface	RS485/RS232/CAN
Charge operating temperature	0°C~+50°C
Discharge operating temperature	-10°C~+55°C
Battery weight (Kg)	~125Kg
Battery size (mm)	L430*W250*H820(without wheels)
Package size (mm)	L950*W500*H310mm(Wooden case)



Charging and discharging curve

