



GreensunSolar



LiFePO4

Mobile Batteries

51.2V 280Ah/314Ah



Features

Safety & Reliable



Very Safe and High Quality with LiFePO4 technology & Smart BMS

Compact Size & Easy Installation



Elegant Design
Floor-mounted for quick installation

High compatibility BMS



Seamless communication with most brands inverters

≥6000Cycles,LongLiFe



Long cycle life with tier 1 brand A grade cells and superior performance

Expand capacity flexibly



Parallel to expand capacity easily up to 241kwh

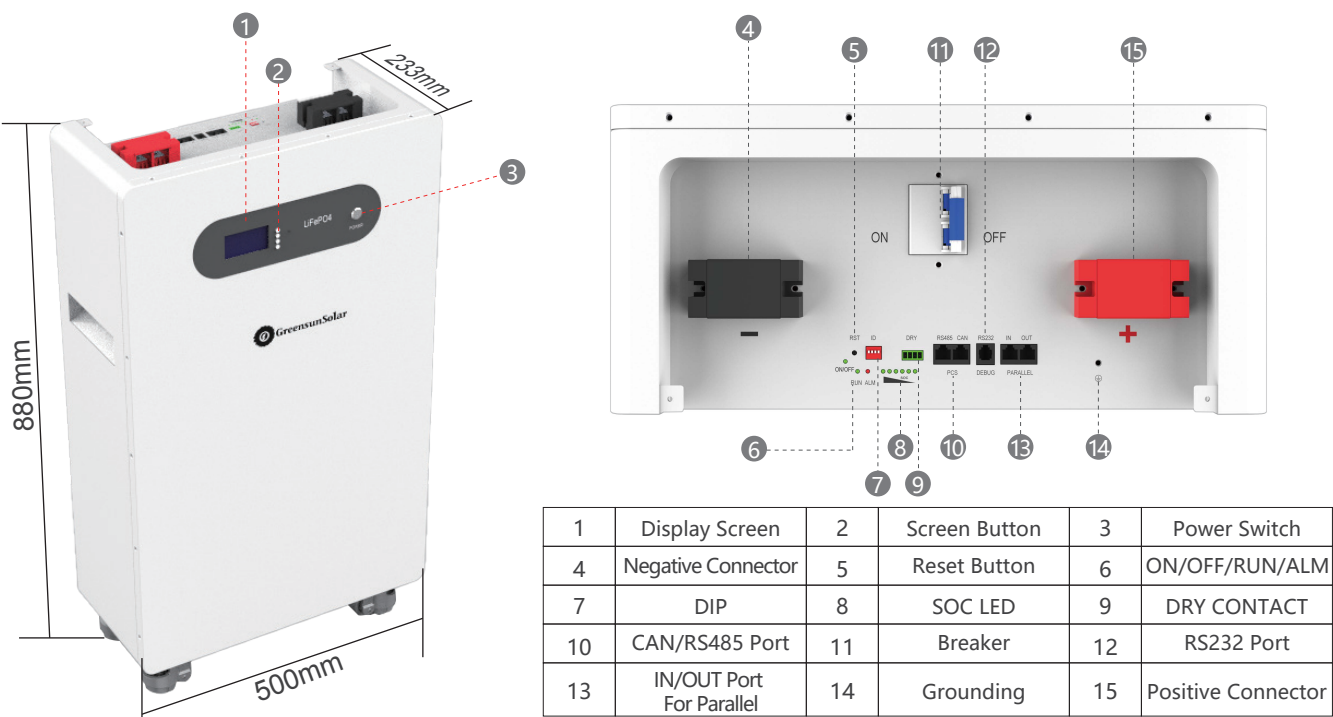
Wide Applications



Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS, Bank, Hospital, School, Base Station

Technical Data

Model		GLM-280	GLM-314
Main Parameter	Battery Chemistry	LiFePO4	
	Built-In Circuit Breaker	125A 2P	
	Nominal Capacity	280Ah	314Ah
	Nominal Voltage	51.2V	
	Operating Voltage	44.8~57.6V	
	Nominal Energy	14.336Kwh	16.076Kwh
	Scalability	Max. 15 pcs pack (Max. 215.040kWh) in parallel	Max. 15 pcs pack (Max. 241.152kWh) in parallel
	Charge/Discharge Current	Max. Continuous 140A 250A(500ms)	160A 250A(500ms)
Other Paramete	Recommend Depth of Discharge	90% DoD	
	Dimension	500*233*880mm	500*233*880mm
	Package Size	943*563*396mm	943*563*396mm
	Battery Pack N.W./G.W.	117kg/130kg	125kg/147kg
	Master LED Indicator	5LED (SOC : 20% ~ SOC100%) , 3LED (working, alarming, protecting)	
	Bluetooth	Include	
	Communication Port	CAN/RS232/RS485	
	IP Rating of Enclosure	IP20	
	Operating Temperature	Charge : 0°C~55°C, Discharge : -20°C ~ 60°C	
	Storage Temperature	-10 ~ 40°C	
	Relative Humidity	95%	
	Altitude	≤2000 m	
	Cycle Life	≥6000 90%DOD	
	Warranty Period	10Years	
	Installation	Floor-Mounted(Movable with wheels)	
	Certification	CE,UN38.3,MSDS	



Battery Pack Default Accessories

	DC Power Cable: Pair of 35mm2 DC power cable(end is M10 copper terminal). The default length is 1500mm
	Ground Gable: 6mm2 Yellow-green ground line, The default length is 1500mm
	RJ45 communication cable: One RJ45 communication cable connect with hybrid inverter. The default length is 1500mm

Easy Expansion

