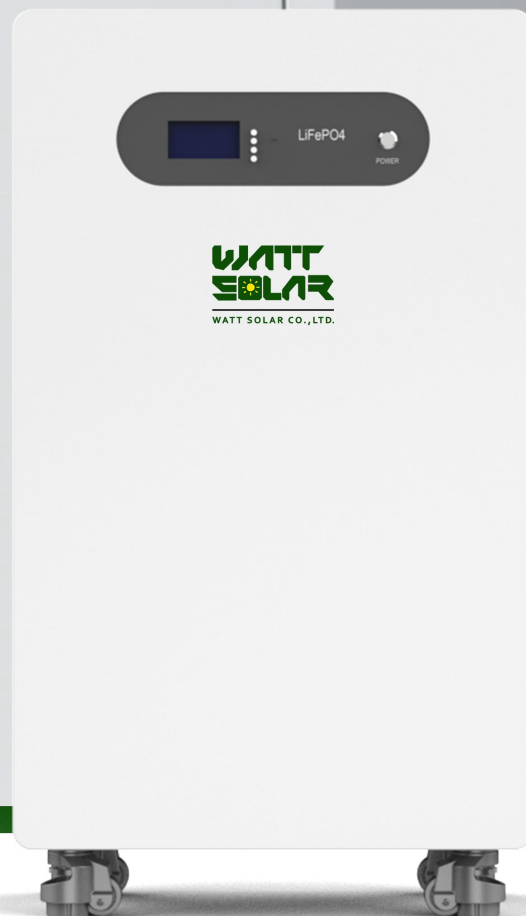


WS Staanding Model Lithium Battery

14/16KWH

Wattsolar 51.2V 280AH/314AH Lithium Battery Use REPT Original & A Grade & New Battery Cells & Offering 10 Years Warranty. Easy to move, no installation required, specially designed for residential energy storage system.



Product Advantages



≥8000 Cycles, Long Life

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



Safety & Reliable

Very Safe and High Quality with LiFePO4 technology & Smart BMS



High Compatibility BMS

Seamless communication with most brands inverters



Expand Capacity Flexibly

Parallel to expand capacity easily up to 257kwh

Technical Data

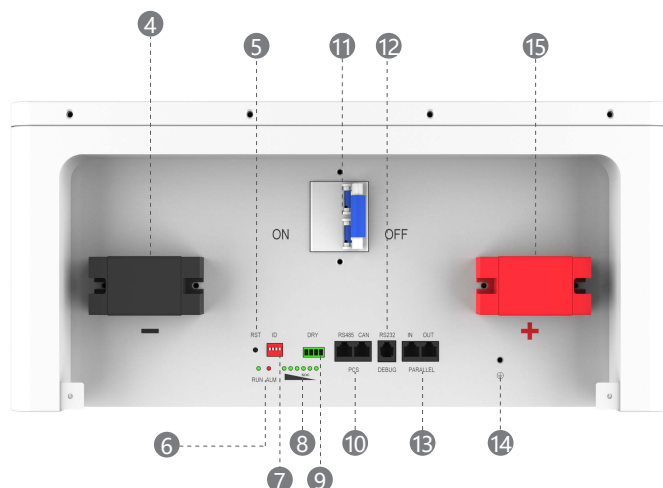
Main Parameter

Model	WS-280	WS-314
Battery Chemistry	LiFePO4	
Built-In Circuit Breaker	125A 2P	
Nominal Capacity	280Ah	314Ah
Nominal Voltage	51.2V	
Operating Voltage	43.2~58.4V	
Nominal Energy	14.336Kwh	16.076Kwh
Scalability	Max. 16 pcs pack (Max. 229.376kWh) in parallel	Max. 16 pcs pack (Max. 257.392kWh) in parallel
Charge/Discharge Current	Max. Continuous	200A
	Peak	250A(500ms)

Other Parameter

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~60°C, Discharge : -20°C ~ 60°C	
Storage Temperature	0 ~ 35°C	
Relative Humidity	95%	
Altitude	≤2000 m	
Cycle Life	≥8000 90%DOD	
Warranty Period	10Years	
Installation	Floor-Mounted(Movable with wheels)	
Certification	CE,UN38.3,MSDS	

Battery Overview



1	Display Screen	2	Screen Button	3	Power Switch
4	Negative Connector	5	Reset Button	6	RUN/ALARM LED
7	DIP	8	SOC LED	9	DRY CONTACT
10	CAN/RS485 Port	11	Breaker	12	RS232 Port
13	IN/OUT Port For Parallel	14	Grounding	15	Positive Connector

Battery Pack Default Accessories

	DC Power Cable: Pair of 35mm2 DC power cable(end is M10 copper terminal). The default length is 1500mm
	Ground Cable: 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

