

Universal Compatibility,
Unmatched Performance



Smarter, Cleaner, Safer Energy Starts Here

Propow Energy Storage - Your Backup for Every Situation

High Voltage
& Residential ESS

Scalable Capacity

Compatible with
Victron, Growatt
& more

6000+ Cycle Life



Residential Energy Storage System

Ideal for household, farm, and other off-grid or backup power scenarios



Wall-mounted
Rack-mounted
Stackable



- ✔ **Market leading BMS.**
Advanced BMS to maximize reliability and longevity
- ✔ **Scalable capacity.**
Supports up to 15 units in parallel.
- ✔ **High compatible.**
Compatible with most leading inverters
- ✔ **Smart Communication.**
Supports multiple protocols: CAN, RS485, Modbus
- ✔ **Easy operation and zero maintenance.**
Time saving, labor saving and cost saving
- ✔ **Ultra safe.**
Enhanced safety with certified protection standards



WALL-MOUNTED
5kwh-16kwh per unit
Up to 15 Pcs in parallel



Battery Specifications				
Battery Cell Type	LiFePO4 Battery			
Nominal Voltage	51.2V			
Nomina Capacity	100Ah	206Ah	280Ah	314Ah
Energy	5.12Kwh	10.54Kwh	14.33Kwh	16.07Kwh
Max. Charge Voltage	58.4V			
Cut-Off Voltage	40V			
Max. Charge Current	100A	200A	200A	200A
Max.Discharge Current	100A(110A 10s)	200A(210A 10s)	200A(210A 10s)	200A(210A 10s)
Dimension	630*400*220mm 24.8x15.7x8.7"	654*400*290mm 25.7x15.7x11.4"	650*590*290mm 25.6x23.2x11.4"	650*590*290mm 25.6x23.2x11.4"
Weight	55KG(121.3lb)	100KG(220.5lb)	135KG(297.6lb)	135KG(297.6lb)
Certifications	UL/IEC/CE/UN38.3			

RACK-MOUNTED
Modular design, flexible combination
Battery unit: 51.2V 100Ah

206Ah
280Ah
314Ah



Battery Specifications				
Battery Cell Type	LiFePO4 Battery			
Nominal Voltage	51.2V			
Nomina Capacity	100Ah	206Ah	280Ah	314Ah
Cell Configuration	16S4P			
Energy	20.48Kwh	42.18Kwh	57.34Kwh	64.3Kwh
Max. Charge Voltage	58.4V			
Cut-Off Voltage	40V			
Max. Charge Current	100A	200A	200A	200A
Max.Discharge Current	100A(110A 10s)	200A(210A 10s)	200A(210A 10s)	200A(210A 10s)
Dimension	452*510*933.3mm 17.8x20.1x36.7"	510*470*1113mm 20.1x18.5x43.8"	452*745*1113mm 17.8x29.3x43.8"	452*745*1113mm 17.8x29.3x43.8"
Weight	220KG(485lb)	400KG(881.8lb)	540KG(1190.5lb)	540KG(1190.5lb)
Certifications	UL/IEC/CE/UN38.3			

Residential and C&I Energy Storage Systems

Flexible | Scalable | Reliable

Stackable
Modular design, flexible combination
Battery unit: 51.2V 100Ah
206Ah
280Ah
314Ah

Battery Specifications				
Battery Cell Type	LiFePO4 Battery			
Nominal Voltage	51.2V			
Nomina Capacity	100Ah	206Ah	280Ah	314Ah
Cell Configuration	16S4P			
Energy	20.48Kwh	42.18Kwh	57.34Kwh	64.3Kwh
Max. Charge Voltage	58.4V			
Cut-Off Voltage	40V			
Max. Charge Current	100A	200A	200A	200A
Max.Discharge Current	100A(110A 10s)	200A(210A 10s)	200A(210A 10s)	200A(210A 10s)
Dimension	545*450*886mm 21.5x17.7x34.9"	590*450*1178mm 23.2x17.7x46.4"	730*450*1178mm 28.7x17.7x46.4"	730*450*1178mm 28.7x17.7x46.4"
Weight	220KG(485lb)	404KG(890.7lb)	540KG(1190.5lb)	540KG(1190.5lb)
Certifications	UL/IEC/CE/UN38.3			

Removable
High efficiency

Battery Specifications				
Battery Cell Type	LiFePO4 Battery			
Nominal Voltage	51.2V			
Nomina Capacity	100Ah	206Ah	280Ah	314Ah
Energy	5.12Kwh	10.54Kwh	14.33Kwh	16.07Kwh
Max. Charge Voltage	58.4V			
Cut-Off Voltage	40V			
Max. Charge Current	100A	200A	200A	200A
Max.Discharge Current	100A(110A 10s)	200A(210A 10s)	200A(210A 10s)	200A(210A 10s)
Dimension	450*191*657mm 17.7x7.5x25.9"	450*265*702mm 17.7x10.4x27.6"	450*265*842mm 17.7x10.4x33.1"	450*265*842mm 17.7x10.4x33.1"
Weight	55KG(121.3lb)	100KG(220.5lb)	135KG(297.6lb)	135KG(297.6lb)
Certifications	UL/IEC/CE/UN38.3			

Residential and C&I Energy Storage Systems

Flexible | Scalable | Reliable

High Voltage Energy Storage System
Ideal for commercial & industrial, high-voltage DC systems, and off-grid applications



Rack/Stackable/Cabinet
204.8V-819.2V
50Kwh-257Kwh

- ✔ Module design, flexible configuration, and easy expansion.
- ✔ Compatible with a wide range of popular inverters.
- ✔ Intelligent battery management system.
- ✔ Long cycle life, and excellent performance.
- ✔ High efficiency, delivers greater power output.
- ✔ RS485/CAN/Modbus communication.
- ✔ 10 Year design life for lasting power and durability.


CE 7 YEARS WARRANTY IEC UL UN38.3




Residential and C&I Energy Storage Systems

Flexible | Scalable | Reliable

Battery Cell Type	LiFePO4 Battery
Battery Module Unit	51.2V 100Ah
Battery Configuration	12*16S1P
Nominal Voltage	614.4V
Nominal Capacity	100Ah
Energy	61.4Kwh
Max. Charge Current	100A
Max. Discharge Current	100A/200A(10s)
Weight	785KG(1730.6lb)
Communication Type	RS485/CAN
Dimension	1100*715*1426.3mm 43.3x28.1x56.2"
Optional	Bluetooth Pre-heating system Remote diagnostics and upgrades




Battery Cell Type	LiFePO4 Battery
Battery Module Unit	51.2V 280Ah
Battery Configuration	5*16S1P
Nominal Voltage	256V
Nominal Capacity	280Ah
Energy	71.6Kwh
Max. Charge Current	150A
Max. Discharge Current	150A/300A(10s)
Communication Type	RS485/CAN
Dimension	665*460*1506.5mm 26.2x18.1x59.3"
Weight	550KG(1212.5lb)
Optional	Bluetooth Pre-heating system Remote diagnostics and upgrades



Residential and C&I Energy Storage Systems

Flexible | Scalable | Reliable

Battery Cell Type	LiFePO4 Battery
Battery Module Unit	51.2V 280Ah
Battery Configuration	8*15S1P
Nominal Voltage	384V
Nominal Capacity	280Ah
Optional	Bluetooth Pre-heating system Remote diagnostics and upgrades
Energy	107.5Kwh
Max. Charge Current	150A
Max. Discharge Current	150A/300A(10s)
Communication Type	RS485/CAN
Weight	830KG(1829.8lb)
Dimension	553*620*2201mm 21.8x24.4x86.7"



Battery Cell Type	LiFePO4 Battery
Battery Module Unit	51.2V 314Ah
Battery Configuration	16*16S1P
Nominal Voltage	819.2V
Nominal Capacity	314Ah
Energy	257.2Kwh
Max. Charge Current	150A
Max. Discharge Current	150A/300A(10s)
Communication Type	RS485/CAN
Dimension	1100*715*2385.3mm 43.3x28.1x93.9"
Weight	1745KG(3847.1lb)
Optional	Bluetooth Pre-heating system Remote diagnostics and upgrades

