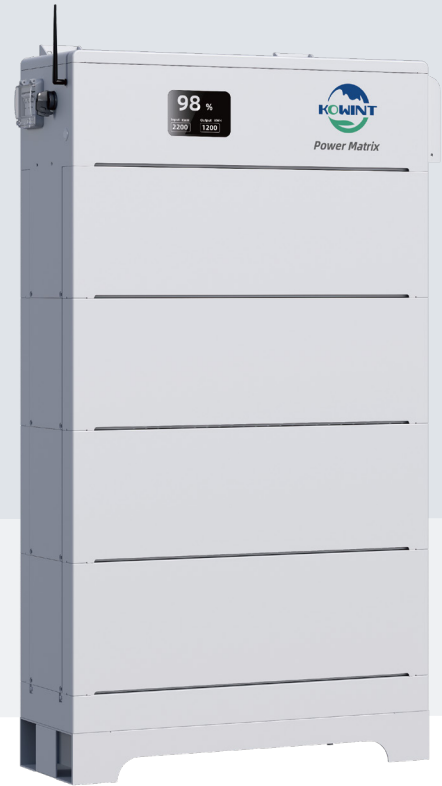


Modular HV ESS

Power Matrix

10.24 — 30.72 kWh



HIGH PERFORMANCE

- >6000 Life Cycles.
- Each cluster is up to 29 kW (6 battery modules) .



SAFE AND RELIABLE

- IP55 design , available for indoor / outdoor.



USER FRIENDLY SETUP

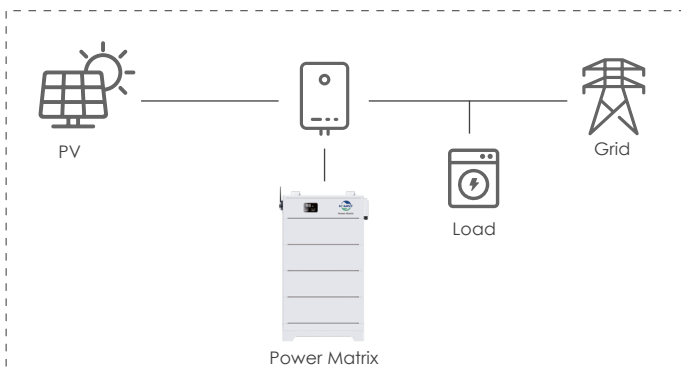
- Cloud platform / APP remote monitor.



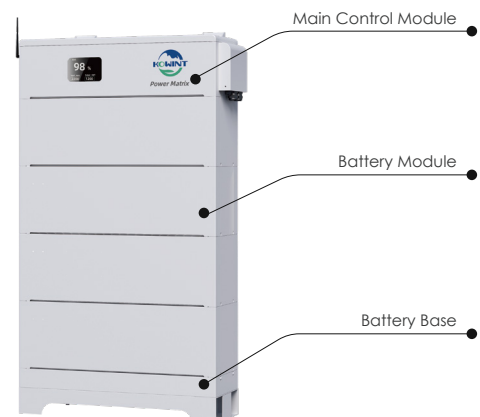
EASY INSTALLATION

- Modular design facilitate installation.

System Layout



System Demonstration



● Product Specifications

System Characteristics

BESS Compliances	IEC62619, UN38.3, MSDS, UKCA, CE, UL1973
Installation Method	Stack Mounting
Installation Scene	Indoor or Outdoor
Ingress Protection	IP55
Warranty	10 Years

BESS Specifications

Battery Module	1P32S				
Cell Capacity(Ah)	50				
Module Amount	2	3	4	5	6
Nominal Energy(kWh)	10.24	15.36	20.48	25.6	30.72
Nominal Voltage(V)	204.8	307.2	409.6	512	614.4
Nominal Power(kW)	9.83	14.57	19.66	24.58	29.5
Operating Voltage Range(V)	172.8 ~ 233.6	259.2 ~ 350.4	345.6 ~ 467.2	432 ~ 584	518.4 ~ 700.8
Max.Continuous Current(A)	48				
Max. Current	≤75A@10S				

General Parameters

Dimension - W*D*H(mm/in)	820*269.5*996 32.3*10.6*39.2	820*269.5*1282 32.3*10.6*50.5	820*269.5*1568 32.3*10.6*61.7	820*269.5*1854 32.3*10.6*73.0	820*269.5*2140 32.3*10.6*84.2
Net Weight(kg/lb)	151.5/334.0	211.5/466.4	271.5/598.6	331.5/730.8	391.5/863.0
Operating Temperature(°C)	-20~ 50				
Operating Humidity	Up to 92 % non-condensing				
Cycle Life	6000 times@25°C				
Communication Method	CAN, RS485, WiFi				
Warranty [1]	10 Years				

[1] Please refer to the warranty letter for details