

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

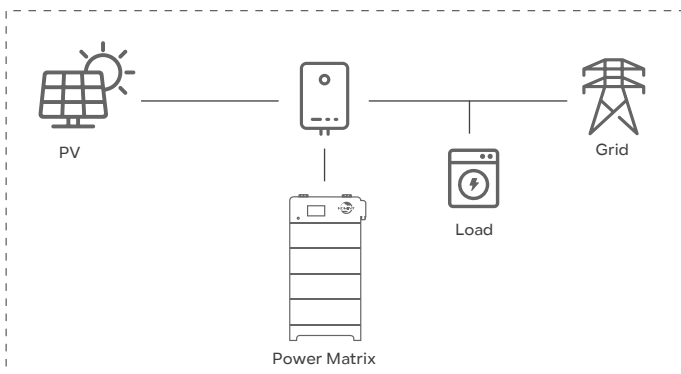
- Cloud platform / APP remote monitor.



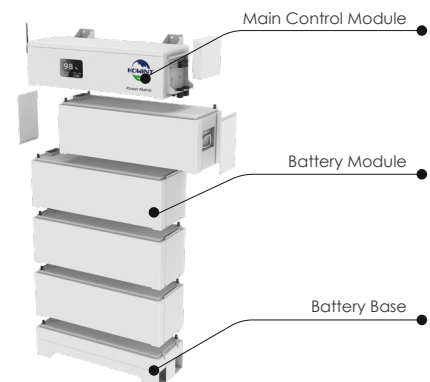
EASY INSTALLATION

- Modular design facilitate installation.

System Layout



System Demonstration



● Product Specifications

System Characteristics

BESS Compliances	IEC62619 / UN38.3 / MSDS / UKCA / CE / UL1973 / CE
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)	820*269.5*996mm	820*269.5*1282mm	820*269.5*568mm	820*269.5*1854mm	820*269.5*1854mm
Net Weight(Approximate)	151.5kg	211.5kg	271.5kg	331.5kg	391.5kg
Operating Temperature(°C)	-20~ 50				
Operating Humidity	Up to 92 % non-condensing				
Cycle Life	6000 times@25°C				
Communication Method	CAN, RS485, WiFi				