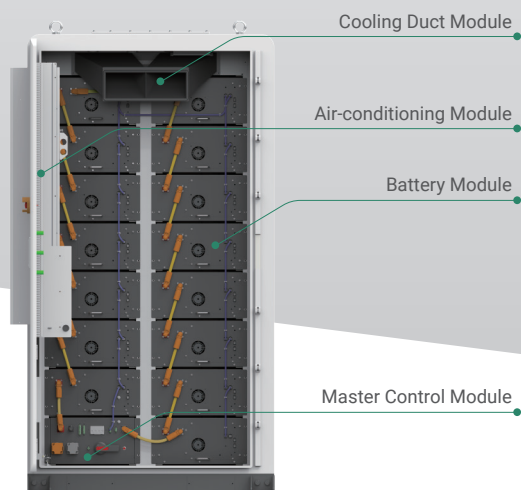


PowerBase MAX-215B

114~215kWh Air-Cooling Battery



Key Features



High Security

Utilizes high-safety lithium iron phosphate batteries with partition safety isolation, built-in module-level and system-level fire protection, and an active safety early warning system for reliable operation.



Efficient BMS Technology

Incorporates high-efficiency equalization technology and low power consumption BMS sampling chips to reduce module inconsistencies and eliminate series loss for optimal performance.



Long Life Cycle

Offers over 8000 cycle times with a lifespan exceeding 15 years, supported by laser welding for enhanced durability.



Thermal Management

Features a high-efficiency air-cooling and heating system that maintains consistent cell temperatures, ensuring optimal performance.



Easy Installation and Maintenance

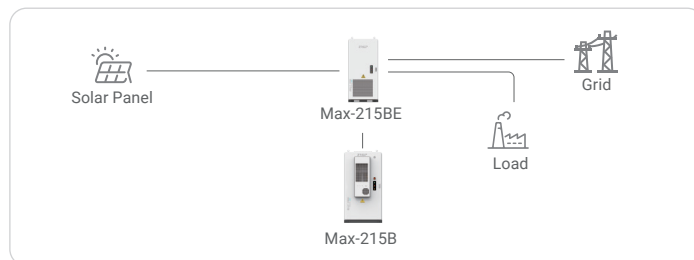
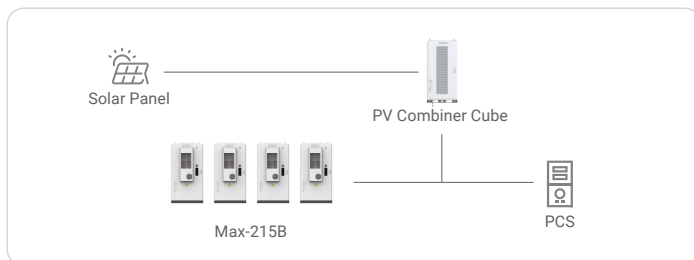
Standardized design simplifies installation and user deployment, with a fully modular setup for convenient operation and maintenance, both locally and via cloud systems.

IP 55

Waterproof

Designed with an IP55 waterproof rating to protect against dust and water ingress, ensuring reliable operation in various environmental conditions.

System Layout



■ Main Parameters

Battery Energy Storage	114kWh	129kWh	143kWh	157kWh	172kWh	186kWh	200kWh	215kWh
Single Cell Type	LFP 3.2V / 280AH							
Module Combination	1P16S							
System Combination (Modules)	8	9	10	11	12	13	14	15
Capacity (kWh)	114.69	129.02	143.36	157.70	172.03	186.37	200.70	215.04
Nominal Voltage (Vdc)	409.6	460.8	512	563.2	614.4	665.6	716.8	768
Voltage Range (Vdc)	345.6~460.8	388.8~518.4	432~576	475.2~633.6	518.4~691.2	561.6~748.8	604.8~806.4	648~864
Charge/Discharge Current	0.5C							
Discharge Depth	100% DoD							
Service Life	>8000 cycles@80% DoD							
Thermal Management Mode	Air-cooling Technology							
Thermal Runaway Management	Aerosol Extinguishing or PFH							
System Characteristic								
Communication Interface	CAN							
Warranty	3 years free, paid from the 4th to the 15th year							
Certifications(Cell)	UN38.3, UL1973, IEC62619, UL9540A, GB/T 36276							
Certifications(System)	IEC62477, IEC62619, IEC61000-6-2/4, UN3480							
General Parameters								
Dimensions (W*D*H)	1250*1200*2350mm / 49.2*47.2*92.5in							
Total Weight	1394kg 3073lb	1502kg 3311lb	1610kg 3549lb	1718kg 3787lb	1826kg 4025lb	1934kg 4263lb	2042kg 4462lb	2150kg 4740lb
Operation Altitude	2000m / 6561ft							
Noise Level @1m	<75 dB(A)							
IP Rating	IP55							
Operating Temperature	-30°C ~ 55°C							
Operating Humidity (RH)	0 ~ 95%							
Storage Conditions	-20°C ~ 30°C, Up to 95% RH, non-condensing, State of Energy (SoE): 50% initial							

■ Packaging & Shipping Details

