



POWER PRO Na+

BK200

SODIUM ENERGY STORAGE SYSTEM ALL-IN ONE

KEY FEATURES



Modular and compact system



Integrated BMU and EMS



Fire detection and suppression



Plug & play



AVAILABLE MODELS

- 200 kWh - 100 kW

SPECIFICATIONS

Modular configuration: a modular architecture that allows capacity and power to be tailored to project requirements, facilitating future expansions and more efficient maintenance.

System efficiency > 96%: comprehensive optimization of the energy conversion and management system, ensuring stable performance and minimal operational losses.

MODEL	POWER PRO NA 200 AL	
Battery pack		
Cell type	Na+ 170Ah	
Nominal capacity	201.0kWh	Voltage range - 624~1456V
Thermal management	Liquid cooling	Nominal voltage - 1185V
AC side		
Rated AC power	100kW	
Maximum AC power	115kW	
Rated AC voltage	400Vac	
Connection mode	Three-phase, four-wire	
Voltage range	340~440V	
Adjustable power factor range	-1~1	
Nominal grid frequency	50/60Hz	
Nominal grid frequency range	45~55Hz/55~65Hz	
Máx. THDI	<1.5% (at rated power)	
Certifications	Under certification	
Comunicación		
Communication interface	RS485/Ethernet	
Communication protocol	MODBUS-RTU/MODBUS-TCP/ IEC61850	
Energy storage system		
System efficiency	≥96%	
Charge/discharge ratio	0.5C	
DOD	95%	
Number of cycles	8000	
Protection rating	IP55	
Ambient temperature	-40~55°C	
Ambient humidity	0~95%RH non-condensing	
Maximum altitude	2000m	
Dimensions (W × D × H)	1400*1400*2350mm	
Weight	3000kg	
Fire protection system	Combustible gas, smoke, and temperature detectors Total flooding gas fire suppression system (perfluorohexanone) Water fire suppression system (reserved)	