

NBSES215A Energy Storage System

Air Cooling, 215kWh

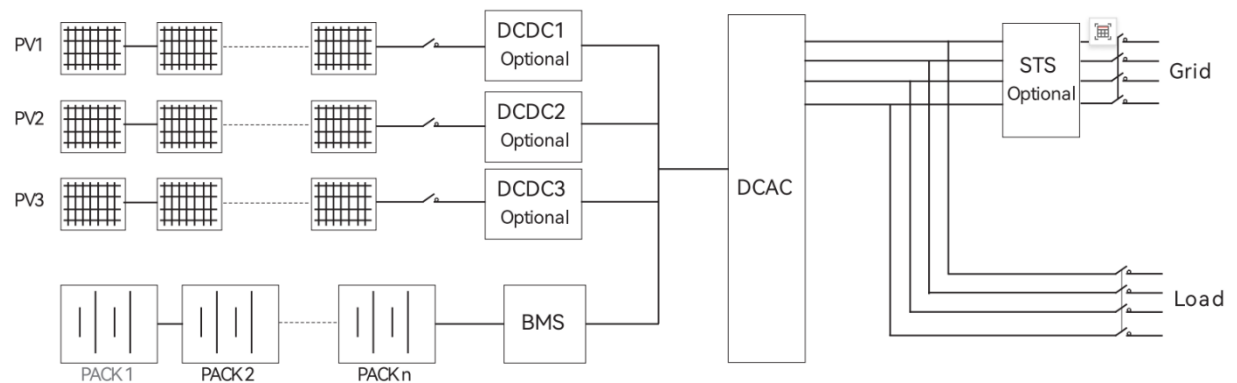


All-in-one integrated system design inside the Cabinet to fulfill C&I scenarios.

- Overall solar and storage solutions
- All-in-one design concept
- High-level safety design
- Convenient outdoor setup
- Allow flexible system design
- Capacity expandable to megawatts



Topology



NBSES215A Energy Storage System

Air Cooling, 215kWh



Technical Specification

Battery Specifications	
Battery Module Type	HV51280F
Cell Capacity	280Ah
Battery Voltage Range	672~864V
Nominal Current	140A (0.5C)
System Storage Power	215kWh
AC Specifications (on-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Max. Current	158A
Max. Number of BESS in Parallel	12
AC Specification (off-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Max. Current	158A
Unbalanced Load Capacity	100%
On-grid Switching to Off-grid Time	<20ms
Off-grid Switching to On-grid Time	<20ms
Max. Number of BESS in Parallel	5
Photovoltaic Input	
MPPT Voltage Range	200-670V
MPPT Channels	Up to Three
Input Power	Single Channel 50kW
System Specifications	
Dimensions (W*D*H)	1850*1200*2250 mm
Weight	Around 3330 kgs
Air Conditioner Power	3kW (Cooling Capacity)
Operation Temperature	-20~50°C
Operation Humidity	0~95% (non-condensing)
Protection Level	IP55
Anti-corrosion Level	C3
Noise Level	≤75dB

NBSES215A Energy Storage System

Air Cooling, 215kWh



Altitude	≤ 3000m
Cooling System	Fan Cooling
Display	Touch Screen (Optional)
Firefighting	Aerosol/Heptafluoropropane (FM-200)/Perfluoro
EMS Communication	Ethernet
Certification	CE/CQC

Ordering Information

Part No.	Description
NBSES215A	Energy Storage System, Air Cooling, 215kWh