

Outdoor cabinet type energy storage system

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C&I user side



Power shortage areas



Off-grid island






Off-grid mine



Nomadic farm

Product features:

-  Simple structure, small footprint, flexible layout, easy installation operation and maintenance;
-  Intelligent control system, can be connected to the local monitoring system for system control;
-  Built-in fire control, temperature control, system warning function for multiple security;
-  IP54 design;

Technical specification	NX-BESS300
DC data	
Battery capacity (kWh)	100-300
Number of battery racks	1~2
BMS communication interface	RS485/CAN
DC voltage range(V)	420~850
AC data	
Rated AC power(kW)	30~150
Max. AC power(kW)	30~150
Rated AC current(A)	43~216
Max. AC current(A)	48~238
DC current component	< 0.5%
THDi	< 0.3% (Rated power)
Rated grid voltage(V)	400
Allowable grid voltage range(V)	320~460
Rated grid frequency(Hz)	50/60
Allowable grid frequency range(Hz)	45~55/55~65
Power factor	1lagging-1leading
Isolation method	With the isolation
General Data	
Ingress protection	IP54
Fire extinguishing system	Support
Operating temperature	-30°C ~ 55°C
Dimension W*D*H (mm)	Customization*1,300*2,400
Weight (kg)	Customization*1,300*2,400
BMS communication mode	CAN, RS485
EMS communication mode	RS485, TCP/IP
PCS cooling way	Temperature control intelligent air cooling
Battery cooling way	Air conditioning cooling
Altitude	4,500m (>3,000 Derating)