AC-coupled Outdoor Cabinet Type Energy Storage System

SUVPR®

PV station

Wind power station

Frequency regulation

Grid side

Industrial and commercial

Product features:

Simple and flexible

- High integration, small size, easy installation, operation and maintenance
- IP54 protection grade, stronger environmental adaptability

Economical & friendly

- Reducing the maximum demand electricity cost, with considerable economic benefits
- Supporting peak shaving and valley filling, and dynamic expansion of transformers

Safe and reliable

- Built-in fire extinguishing , temperature control, early warning system multiple security guarantees
- Intelligent control system, which can be connected to the local monitoring system for unified management and control

Model	SNE-ESS100A/200A-30K/50K/100K/150K
DC data	
Battery capacity (kWh)	100KWH~200KWH
Number of battery racks	1~2
BMS communication interface	RS485/CAN
DC voltage range(V)	420V~850V
AC data	
Rated AC power(kW)	30KW~150KW
Max. AC power(kW)	30KW-150KW
Rated AC current(A)	43A~216A
Max. AC current(A)	48A~238A
DC current component	<0.5%
THDi	<3% (Rated power)
Rated grid voltage(V)	400V
Allowable grid voltage range(V)	320~460
Rated grid frequency(Hz)	50/60Hz
Allowable grid frequency range(Hz)	45-55/55-65Hz
Power factor	1 lagging -1 leading
Isolation method	With the isolation
General Data	
Ingress protection	IP54
Fire extinguishing system	Support
Operating temperature	-30~+55℃
Dimension W*D*H (mm)	Customization*1,300*2,400
Weight (kg)	Customization
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)