

# 20/40ft Container Energy Storage System



- PV charging station
- Wind power storage
- Combined thermal power FM
- Grid-side storage

## Simple & flexible

- Standardized design, easy to expand and maintain
- Independent air duct design, more stable operation

## Abundant configuration

- Diversified selection of equipment capacity
- Can be integrated with monitoring system

## Safe & Reliable

- Support battery management system and comprehensive thermal management
- Improve the fault classification protection mechanism
- BYD vehicle grade battery cell (LFP), more safety, longer life cycle, more usable energy
- BYD original BMS protection
- Built-in fire control, temperature control and warning system function for multiple security
- Multiple protection functions
- Built-in isolation transformer, high load adaptability

Model	SNE-ESS250KT	SNE-ESS500KT
<b>DC data</b>		
Battery capacity (KWh)	523KWH	1047KWH
BMS Communication Interface	RS485/CAN	
Battery System Composition	22S3P	
Max. Current (A)	673A	1128A
<b>AC(off grid)</b>		
Max.out power(KVA)	275KVA	500KVA
Rate output power(KW)	250KW	500KW
Rated voltage(V)	400V	
Voltage range(V)	320V-460V	
Rated current(A)	361A	722A
Max.output current(A)	397A	794A
Rated frequency(Hz)	50/60Hz	
<b>AC(off grid)</b>		
Rated voltage(V)	400V	
Overload capacity	110% long-term	
<b>General data</b>		
Ingress protection	IP54	
Fire extinguishing system	Support	
Operating temperature	-30 ~+ 55 °C	
Battery cooling way	Temperature control intelligent air cooling	
Relative humidity	0 ~ 95% non-condensing	
Altitude	4500m(>3000m Derating)	
Dimension W * D * H	6058 * 2438 * 2896mm	12192 * 2438 * 2896mm
Weight(kg)	12000KG	22000KG
Transformer ratio	270/400	315/400
On/Off grid switching	Automatic	
<b>Display and communication</b>		
Display	LCD touch-screen	
BMS communication	RS485/CAN	
EMS communication	RS485,TCP/IP	