



# 100kW<sub>PCS</sub> / 215kWh<sub>BATTERY</sub>

Air Cooling Commercial & Industrial Energy Storage System

## Flexible

Highly integrated  
All pre-assembled  
Extendable

## Reliable

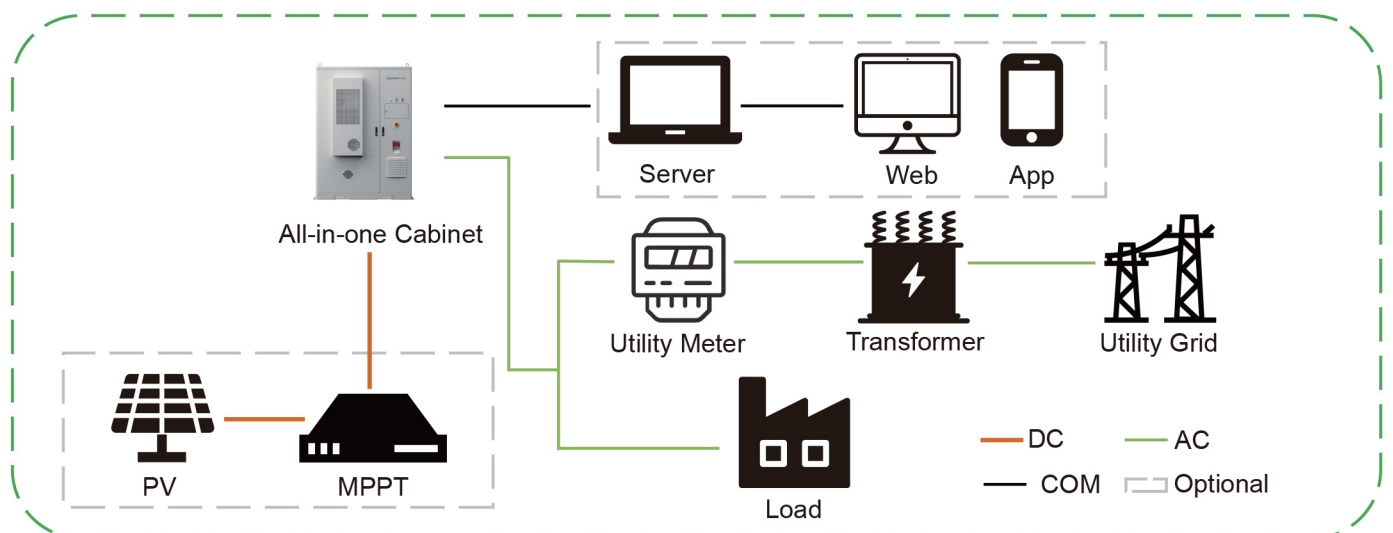
DC electric circuit safety protection  
Multi level battery protection  
Fire suppression system

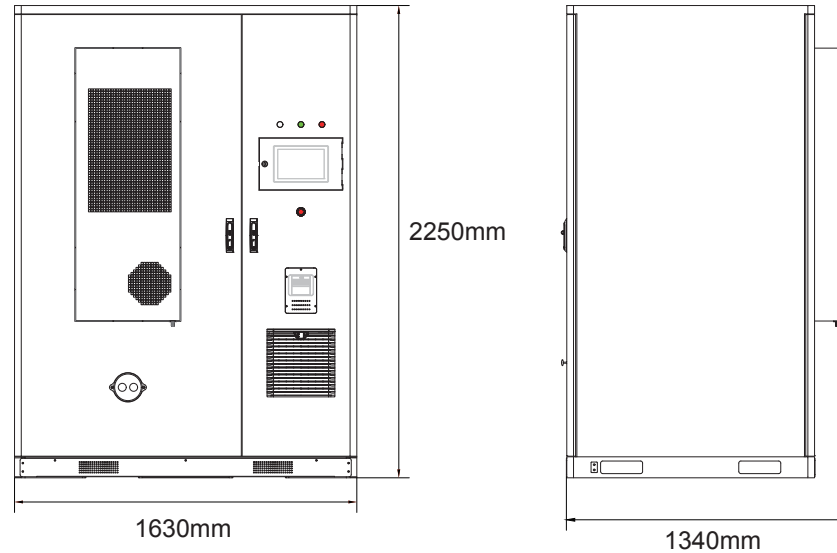
## Efficient

Intelligent cooling system  
Higher system efficiency

## Smart

State monitoring and faults record  
Battery performance monitoring and logging





## SSE-215-100K

### Main Parameter

AC Output Power (kW)	100
AC Output Frequency and Voltage	50 / 60Hz; 380 / 400Vac
Grid Type	3L / N / PE
Battery Operating Voltage ( Vd.c.)	660 ~ 864
Energy ( kWh )	215
Dimension ( W x D x H, mm )	1630 x 1340 x 2250
Weight Appr.( kg )	2000
Battery Operating Voltage ( Vd.c. )	DC : 650 ~ 935 ( grid on ) / DC : 700 ~ 935 ( grid off )
Max. RTE	88%
System Communication	ETH / 4G
System Operating Temperature Range ( °C )	-20 ~ 50 ( >45 Derating )
Max. Working Altitude ( m )	≤3000
IP Rating of Enclosure	IP54
Anti-Corrosion Grade	C3
System Certification	IEC 61000, IEC 62619
Warranty	5 years or cycle Life≥6000 (@25°C±2°C, 0.5C/0.5C, 70%EOL)

### Converter Specification

AC Output Rated Current ( A )	152
Max. AC Output Current ( A )	167
Max. Number of Parallel ( off-grid )	4 pcs ( off-grid )
Peak Power	1.1 times of rated power
Power Factor	-1~1
THD	<3%
DC Injection Current	<0.5In
Relative Humidity	15%~85% ( No Condensing )
Dimension ( W x D x H, mm )	485 x 705 x 257
Communication	CAN / RS485
Overvoltage Protection	DC Type II / AC Type III
Protection Level	Class 1
Grid Regulation	EN 50549, EN 62477, IEC 61000
Max. Efficiency	97.6%