

50kW HYBRID INVERTER /100kWh BATTERY

Air cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

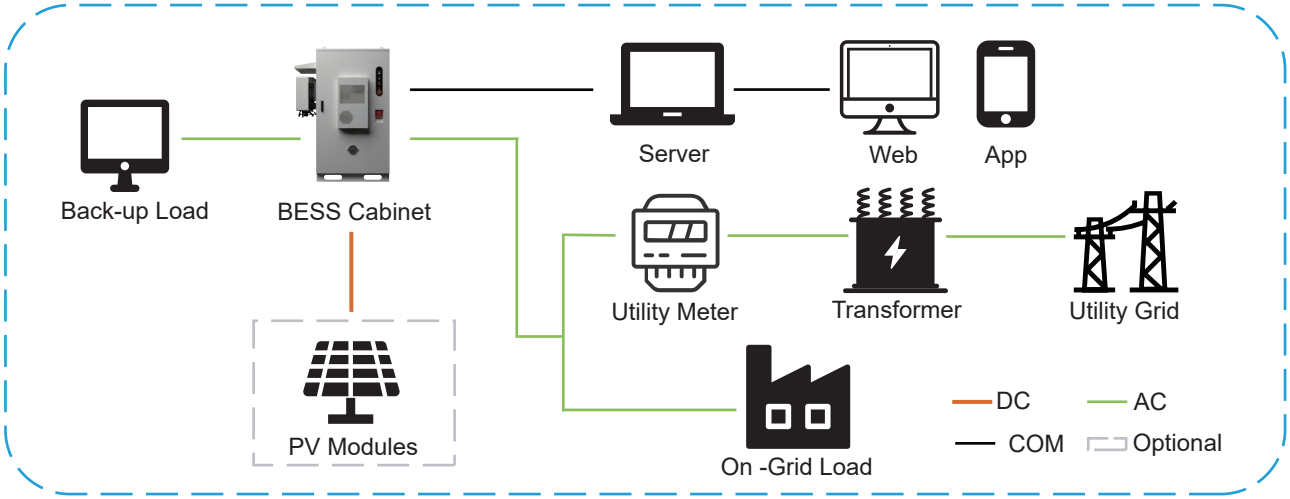
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
Higher system efficiency

Smart

State monitoring and faults record
Battery performance monitoring and logging

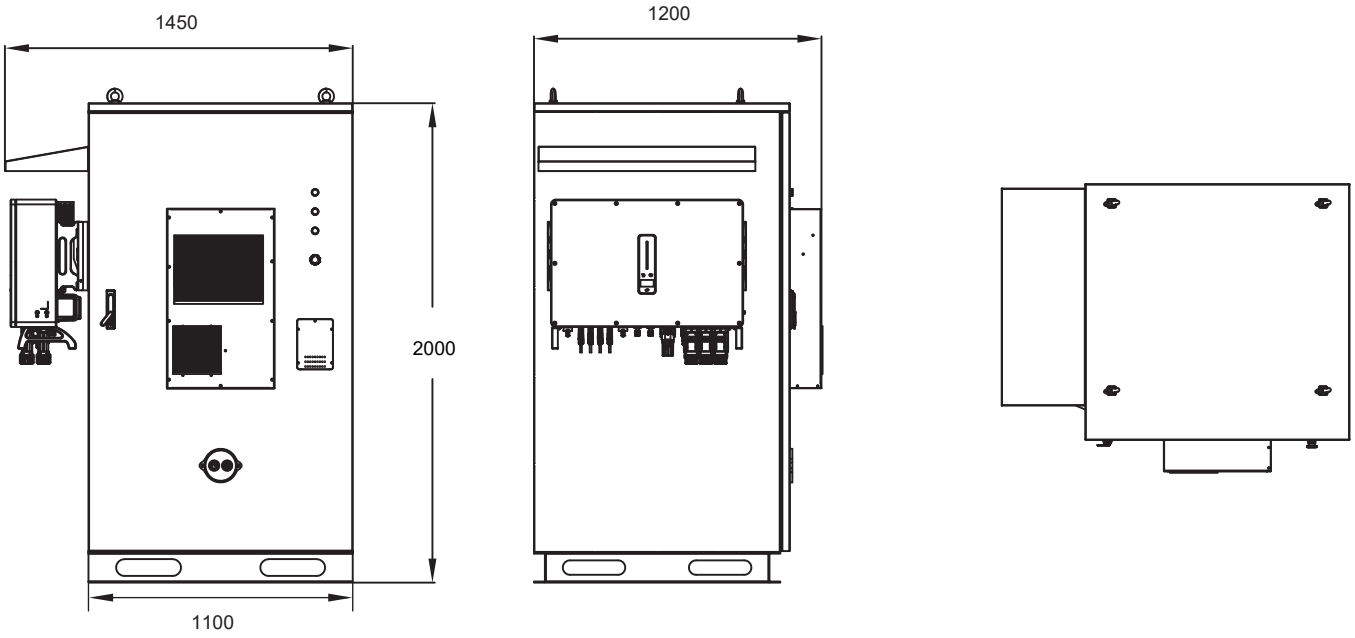


SUNKET®-ESS

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Air cooling Commercial & Industrial
Energy Storage System



Unit:mm

SKT-ESSA100

Cell Capacity	280Ah
Nominal Battery System Energy	100kWh
Nominal Battery System Voltage	358.4Vdc
Battery System Working Voltage Range	313.6~ 397.6Vdc
Rated Output Power	50kW
Max. AC Output Power	55kVA
THDi	<3% (at nominal power)
Nominal Grid Voltage	400V, 3L+N+PE
Nominal Grid Frequency	50/60Hz
Power Factor Range	0.8 leading ... 0.8 lagging
Weight	＜1300kg
Dimension(Inverter Included W*D*H)	1450*1200*2000mm
Dimension(W*D*H)	1100*1200*2000mm
IP Protection	IP54
Anti-corrsion Level	C3
Max. Operation Altitude	＜2000m
Operating Temp. Range	-20 ~ 50℃
Operation Humidity Range	5 ~ 95 % RH (non-condensing)
Communication Port	CAN / RS485
Complance	IEC 61000；IEC 62619； IEC 62477；EN 50549
Expansion	Max.4 cabinets connected in parallel

* Subject to actual delivery

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Specifications are subject to change without further notification
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