

50kW HYBRID INVERTER /100kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

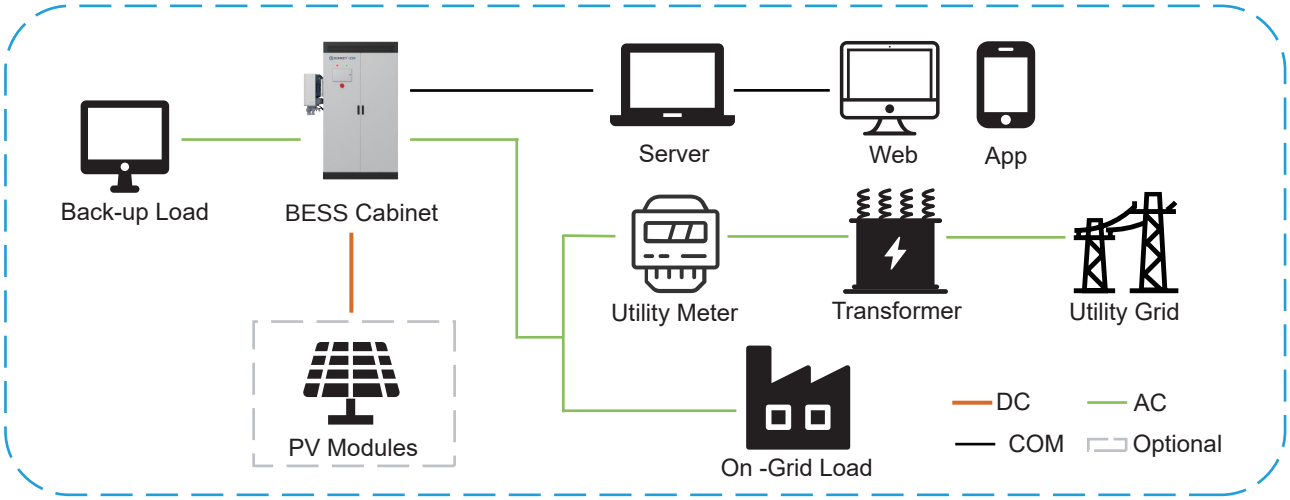
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
Higher system efficiency

Smart

State monitoring and faults record
Battery performance monitoring and logging

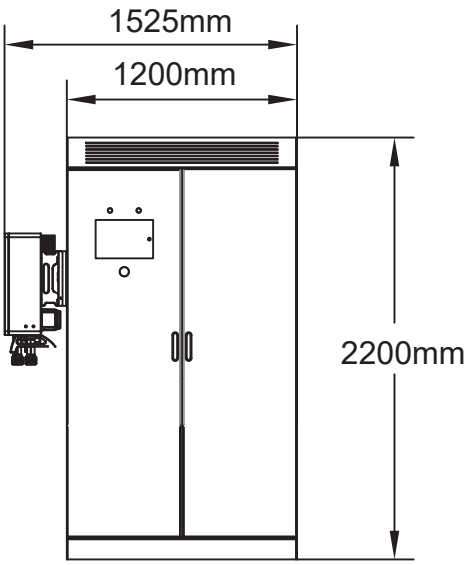


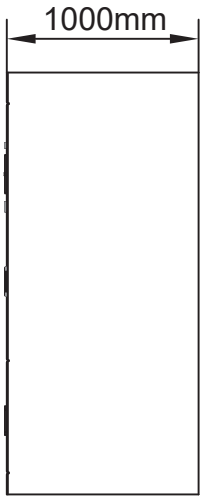
SUNKET®-ESS

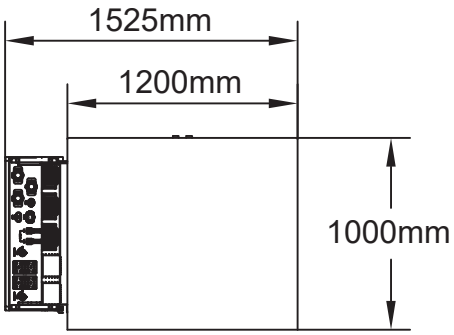
SUNKET®-ESS

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Air Cooling Commercial & Industrial
Energy Storage System







SKT-ESSA100H

Cell Capacity	100Ah
Nominal Battery System Energy	102.4kWh
Nominal Battery System Voltage	512V
Battery System Working Voltage Range	448~ 584V
PV Max. input voltage	1000v d.c.
MPPT voltage range	350~800V d.c.
No. of MPPT	3
Max. Input Current per MPPT	36A
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	1325kg
Dimension(W*D*H)	1525 * 1000 * 2200mm
IP Protection	IP54
Anti-corrsion Level	C3
Max. Operation Altitude	＜2000m
Charging Temp. Range	0 ~ 45℃
Discharging Temp. Range	-20 ~ 50℃
Operation Humidity Range	5 ~ 95 % (non-condensing)
Communication Port	CAN / RS485
Complance	IEC 61000,EN 62477,NRS 097,EN 50549
Expansion	Max.10 cabinets connected in parallel

* Subject to actual delivery

sunket.com

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Specifications are subject to change without further notification

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