

50kW PCS/100kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

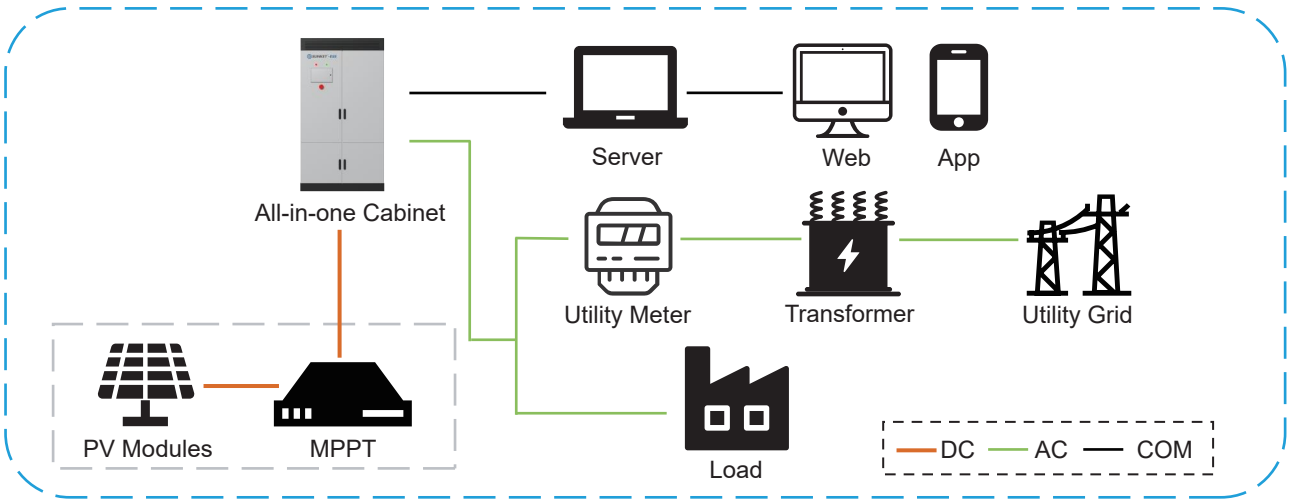
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
Higher system efficiency

Smart

State monitoring and faults record
Battery performance monitoring and logging

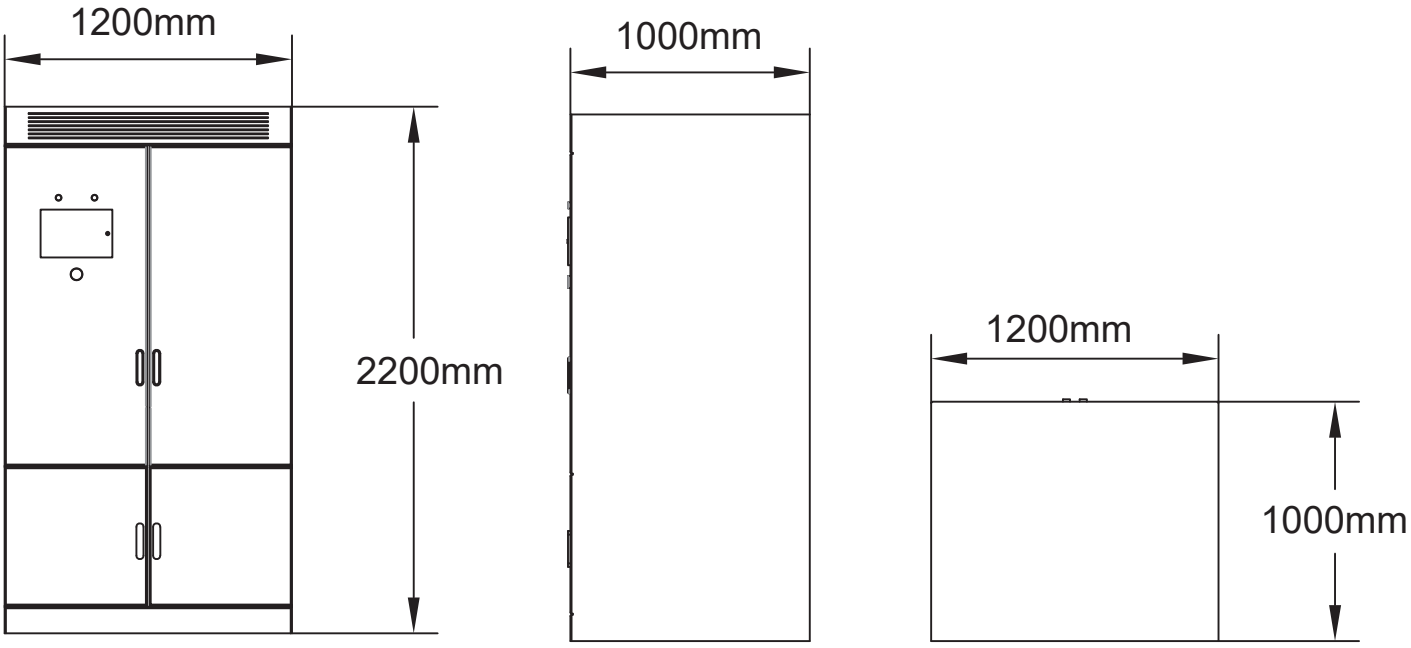


SUNKET®-ESS

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Air Cooling Commercial & Industrial
Energy Storage System



SKT-ESSA100P

Cell Capacity	120Ah
Nominal Battery System Energy	101.376kWh
Nominal Battery System Voltage	845V
Battery System Working Voltage Range	739~ 950V
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	1250kg
Dimension(W*D*H)	1200 * 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

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Specifications are subject to change without further notification
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