

100kW HYBRID INVERTER /200kWh BATTERY

Air cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

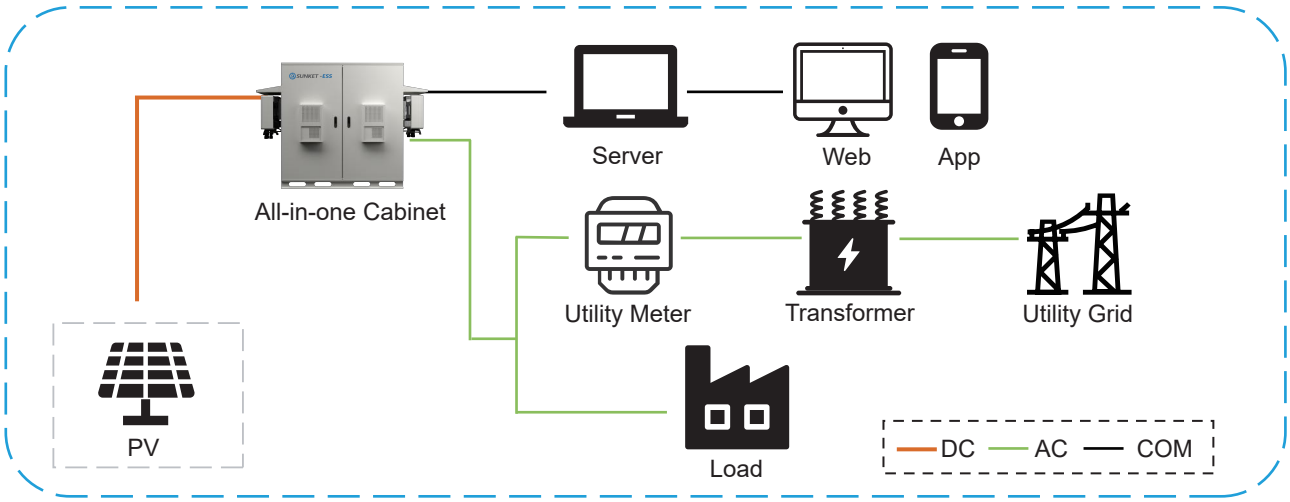
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
Higher system efficiency

Smart

State monitoring and faults record
Battery performance monitoring and logging

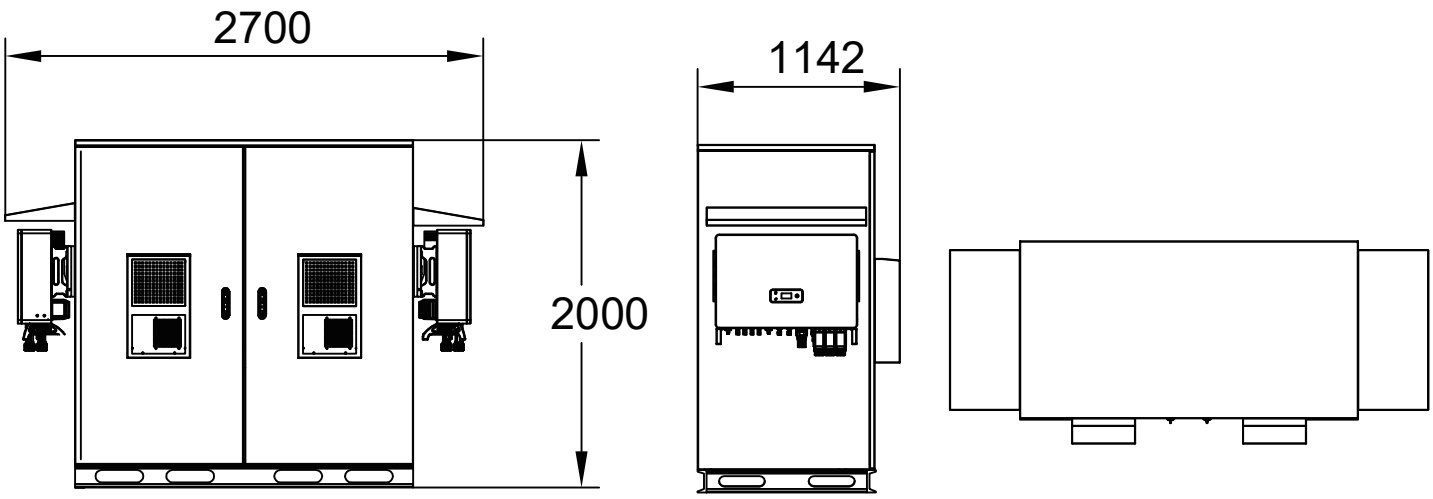


SUNKET® -ESS

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100kW HYBRID INVERTER /200kWh BATTERY

Air cooling Commercial & Industrial
Energy Storage System



Unit:mm

SKT-ESSA100

Cell Capacity	280Ah	
Nominal Battery System Energy	100kWh	×2
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	＜2500kg	
Dimension(W*D*H)	2700 * 1142 * 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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