

72 / 86 / 100kWh BATTERY

Air Cooling Commercial & Industrial Battery System Solution

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

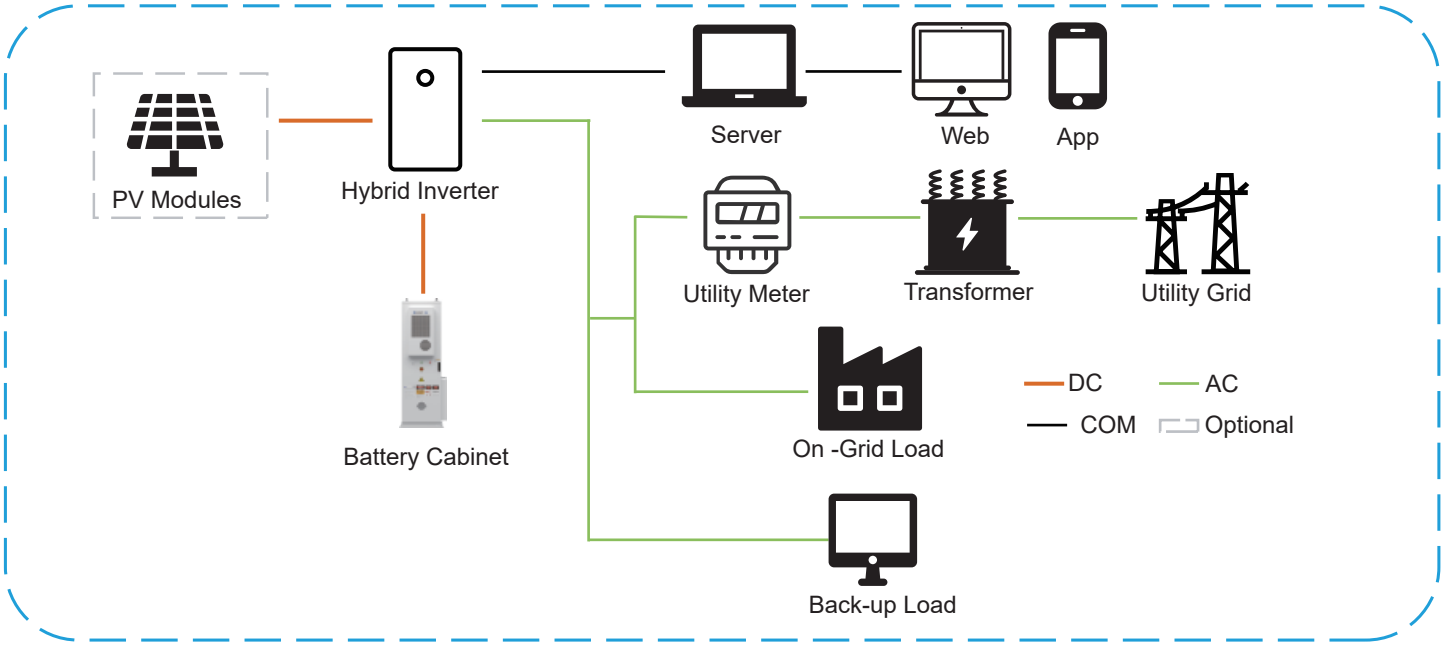
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
＜10ms Switching Off / On-grid

Smart

Intelligent cloud platform management, real-time monitoring of operational status

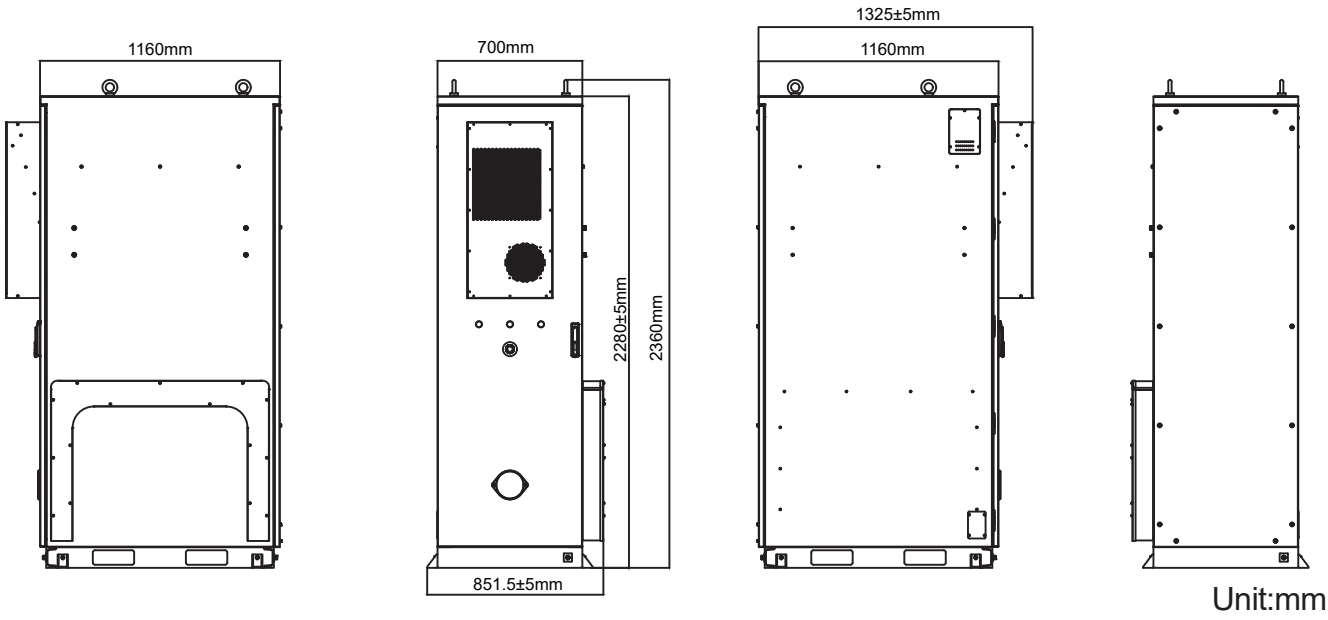


SUNKET-ESS

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Unit:mm

Model	SKTESS72	SKTESS86	SKTESS100
Battery Type	LiFePO4		
Battery Capacity	280Ah		
Pack Configuration	1P16S*5	1P16S*6	1P16S*7
Nominal Capacity	71.68kWh	86.016kWh	100.352kWh
Nominal Voltage	256V	307.2V	358.4V
Operating Voltage Range	224~288V	268.8~345.6V	313.6~403.2V
Max.Continuous Charge / Discharge Current	140A /150A		
Charge / Discharge Rate	0.5C		
Ingress Protection	IP54		
Anti-Corrosion Grade	C3 (C4 Optional)		
Cycle Life	Cycle Life ≥ 6000 / 5 Years (@25°C ± 2°C , 0.5C / 0.5C, 70% EOL)		
Charge Operating Temperature	0°C ~45°C		
Discharge Operating Temperature	-20°C~50°C		
Operating Temperature Range	-20°C~50°C		
Relative Humidity	5~95 % (non-condensing)		
Communication	CAN/RS485		
Cooling	Air Cooling		
Dimension	851.5(±5)×1325(±5)×2280(±5)mm		
Weight	1050(±10)kg	1150(±10)kg	1250(±10)kg
Max. Parallel	5		

* Subject to actual delivery

sunket.com

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Specifications are subject to change without further notification

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