

72 / 86 / 100kWh BATTERY

Air Cooling Commercial & Industrial Battery System Solution

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

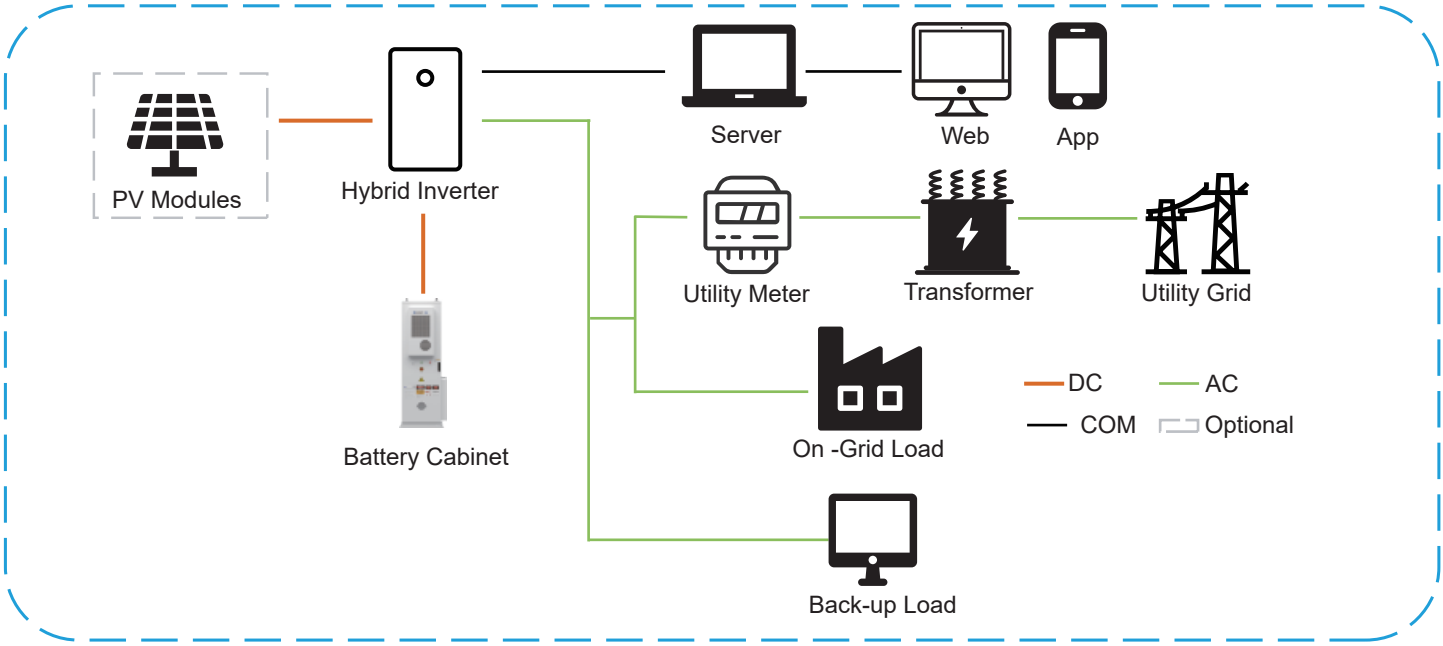
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

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

Smart

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

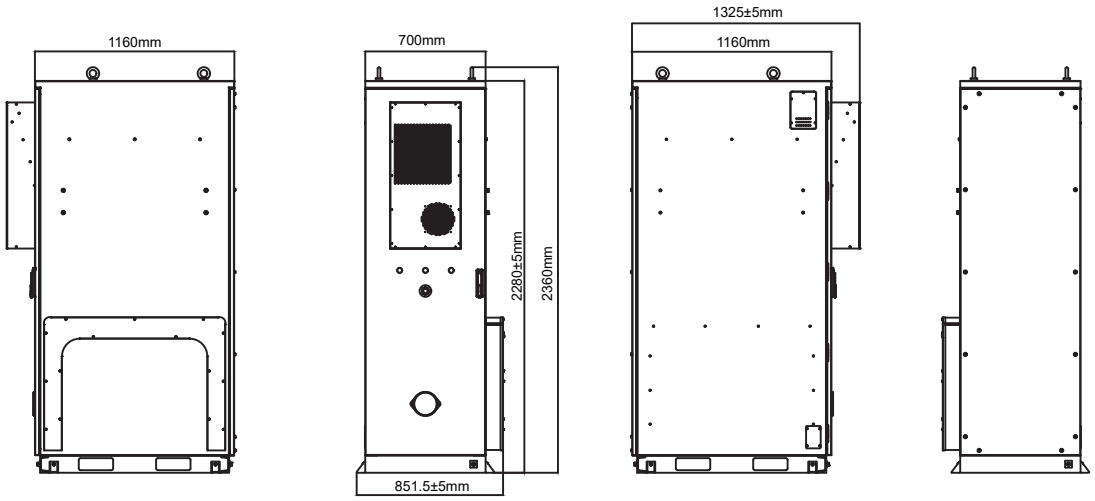


SUNKET-ESS

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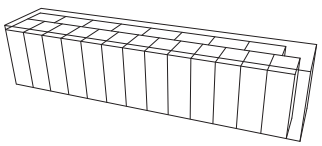
Unit:mm

Model	SKTESS72	SKTESS86	SKTESS100
Battery Type	LiFePO4		
Nominal Capacity	280Ah		
Battery Configuration	1P80S	1P96S	1P112S
Nominal Energy	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. Charge Current	140A		
Max. Discharge Current	150A		
Charge / Discharge Rate	0.5P		
Max. Charge-discharge Efficiency	95%(@25°C-30°C,0.5P)		
Ingress Protection	IP54		
Anti-Corrosion Grade	C4		
Cycle Life	≥ 6000 (@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)		
Operating Environment Temperature	-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
Certification	UN38.3， IEC62619、IEC63056、EN IEC 61000、EN 62477		
Max. Parallel	5		

Packing Configuration

Single Dimension	940×1420×2560mm
Container	40'HQ
Pieces per Container	21

40'HQ



21 PIECES CONTAINER

sunket.com

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Specifications are subject to change without further notification

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