

72 / 86 / 100kWh BATTERY

Air Cooling Commercial & Industrial Battery System Solution

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

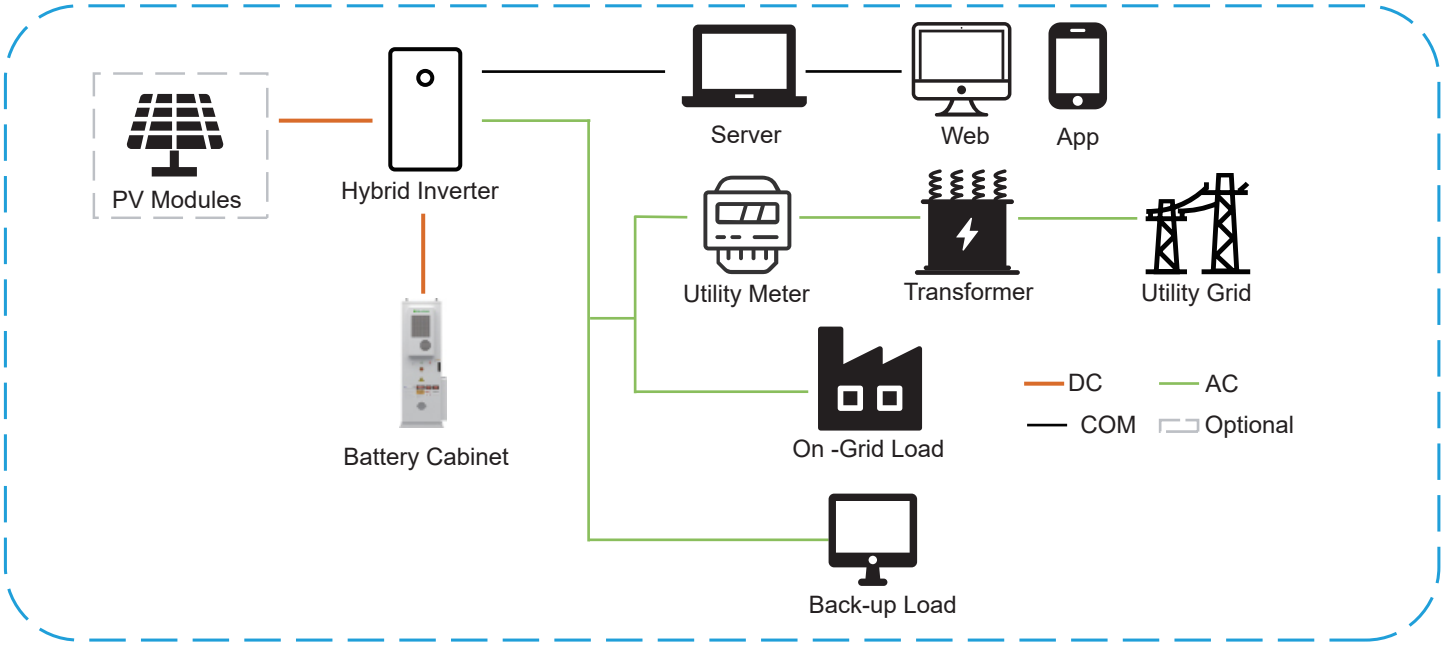
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

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

Smart

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

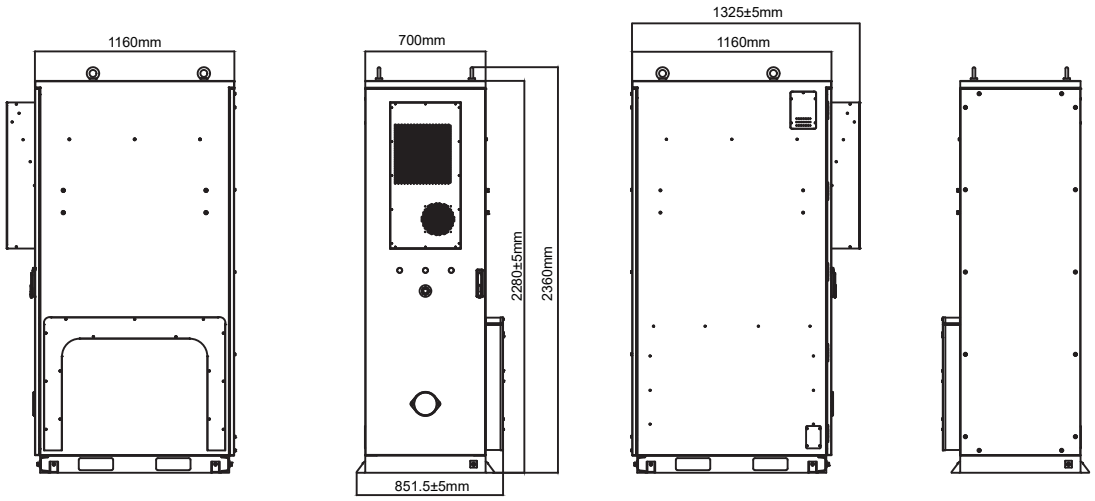


SOLARASIA

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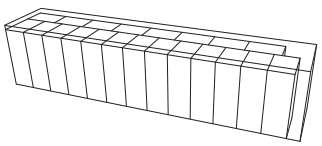
Unit:mm

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)	
Charge Operating Temperature		0°C ~35°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	

Packing Configuration

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

40'HQ



21 PIECES

CONTAINER

Specifications are subject to change without further notification