



# 72 / 86 / 100kWh BATTERY

Air Cooling Commercial & Industrial Battery System Solution

## Flexible

Highly integrated  
All pre-assembled  
Extendable

## Reliable

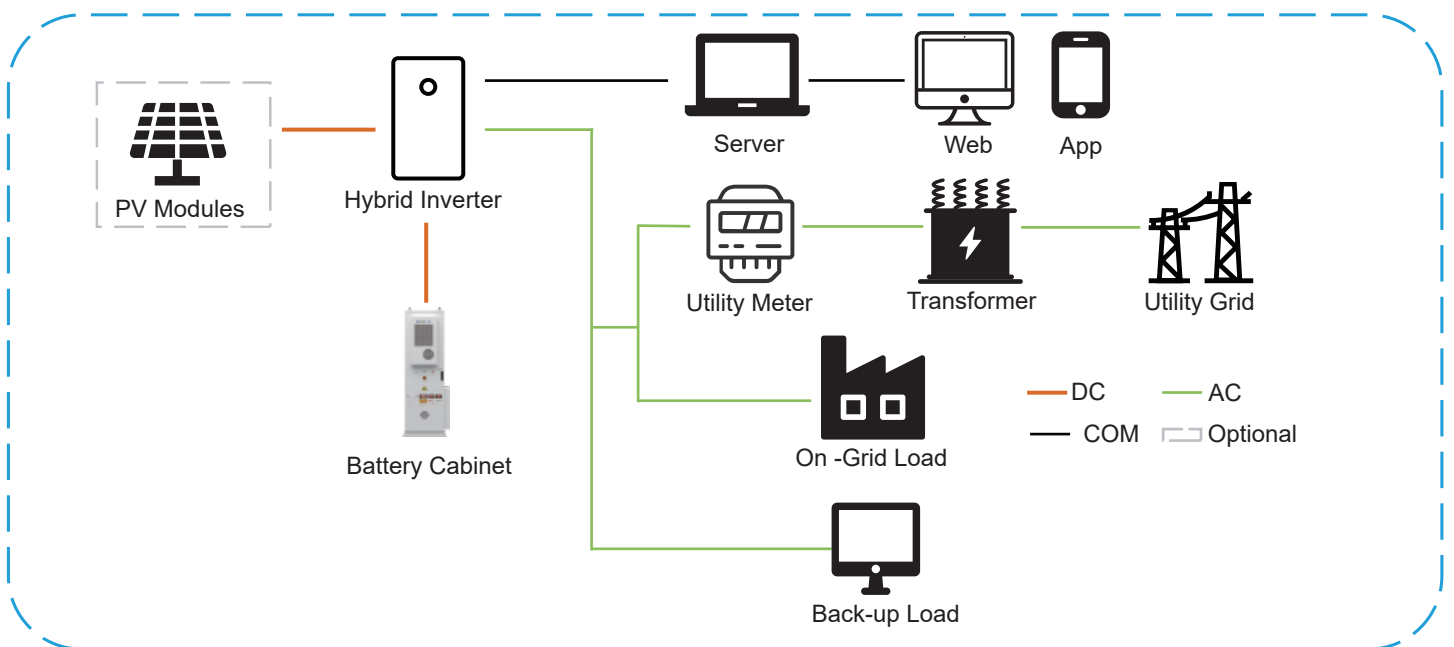
DC electric circuit safety protection  
Multi level battery protection  
Fire suppression system

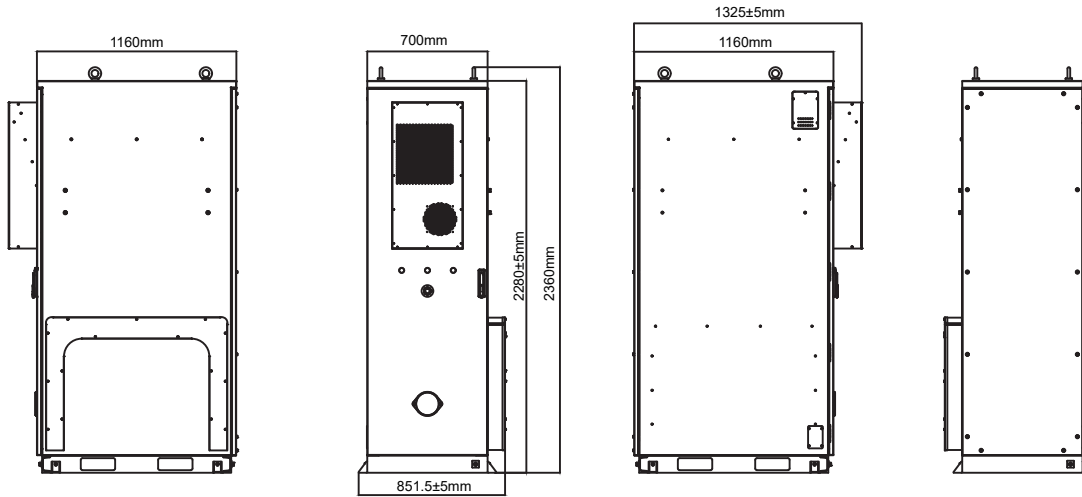
## Efficient

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

## Smart

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





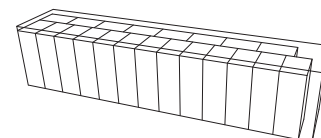
Unit:mm

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