

64 / 80/ 96 / 112kWh BATTERY

Air Cooling Commercial & Industrial Battery System Solution

Flexible

LFP314Ah large capacity
Highly integrated
Pre-assembled,
flexible expansion

Reliable

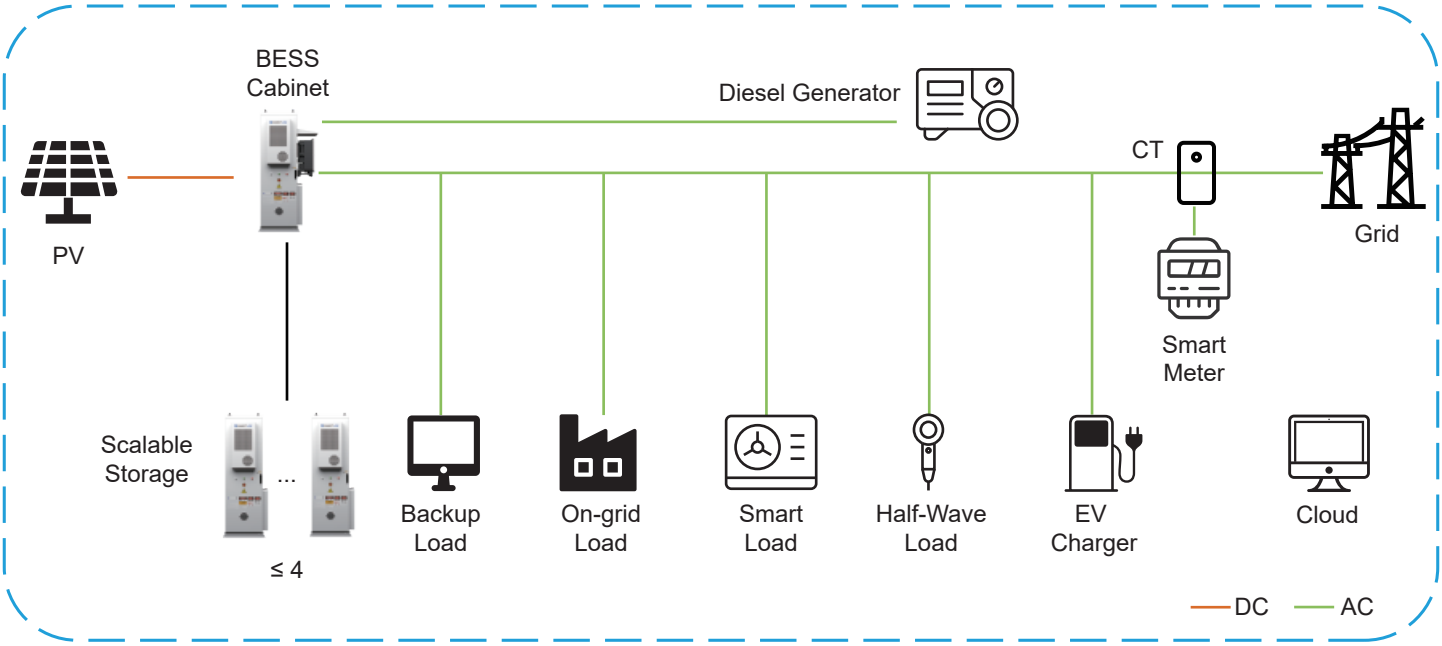
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

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

Smart

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

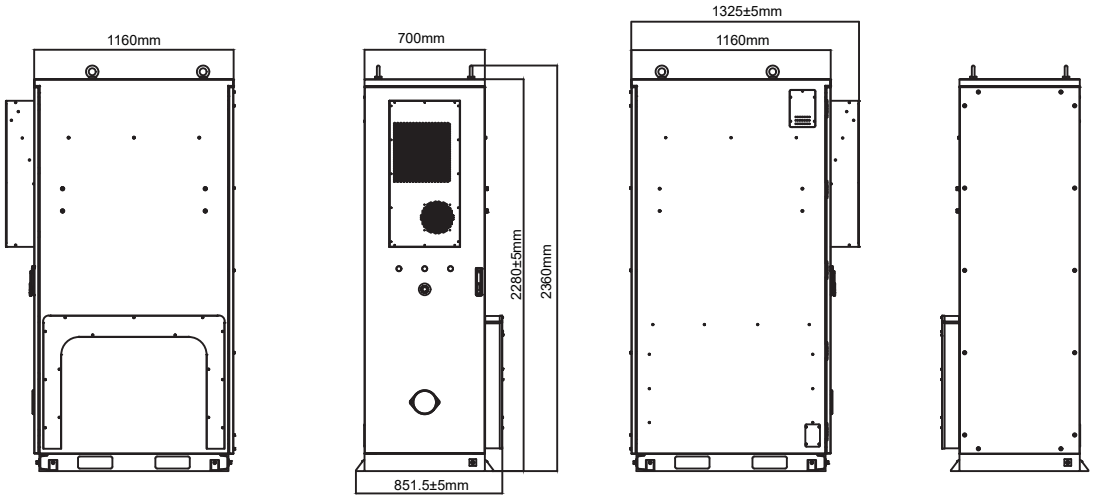


SUNKET-ESS

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Unit:mm

Model	SKTESS64	SKTESS80	SKTESS96	SKTESS112
Battery Type	LiFePO4			
Cell Capacity	314Ah	314Ah	314Ah	314Ah
Pack Configuration	1P16S*4	1P16S*5	1P16S*6	1P16S*7
Nominal Capacity	64.31kWh	80.38kWh	96.46kWh	112.54kWh
Nominal Voltage	204.8V	256V	307.2V	358.4V
Operating Voltage Range	179.2~230.4V	224~288V	268.8~345.6V	313.6~403.2V
Max.Continuous Charge / Discharge Power	0.5P			
Ingress Protection	IP55			
Anti-Corrosion Grade	C3 (C4 Optional)			
Cycle Life	≥ 6000 / 5 Years (@25°C ± 2°C , 0.5C / 0.5C, 70% EOL)			
Charge Operating Temperature	0°C ~55°C			
Discharge Operating Temperature	-20°C~55°C			
Storage Temperature	-20°C~60°C (≤1 / month) / 0°C~35°C (≥1 / month)			
Relative Humidity	0~95 % (non-condensing)			
Communication	CAN / RS485			
Cooling	Air Cooling			
Cooling	Aerosol			
Dimension	851.5(±5)×1325(±5)×2280(±5)mm			
Weight	1040kg	1160kg	1280kg	1400kg
Adapt PCS Power	30kW	30kW	50kW	50kW
Compatible PCS	Dyness / Solis / SOLiNTEG / Growatt / SOSEN / Afore / FoxESS / Sofar / Goodwe			
Max. Parallel	6(AC parallel connection:add and configure AC combiner boxes or combiner cabinets)			
Certification	UN38.3 , CE CB IEC62619 , IEC 62619-2022 , UL1973-2022 , UL 9540A-2019			

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Specifications are subject to change without further notification

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