

125kW HYBRID INVERTER / 241kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

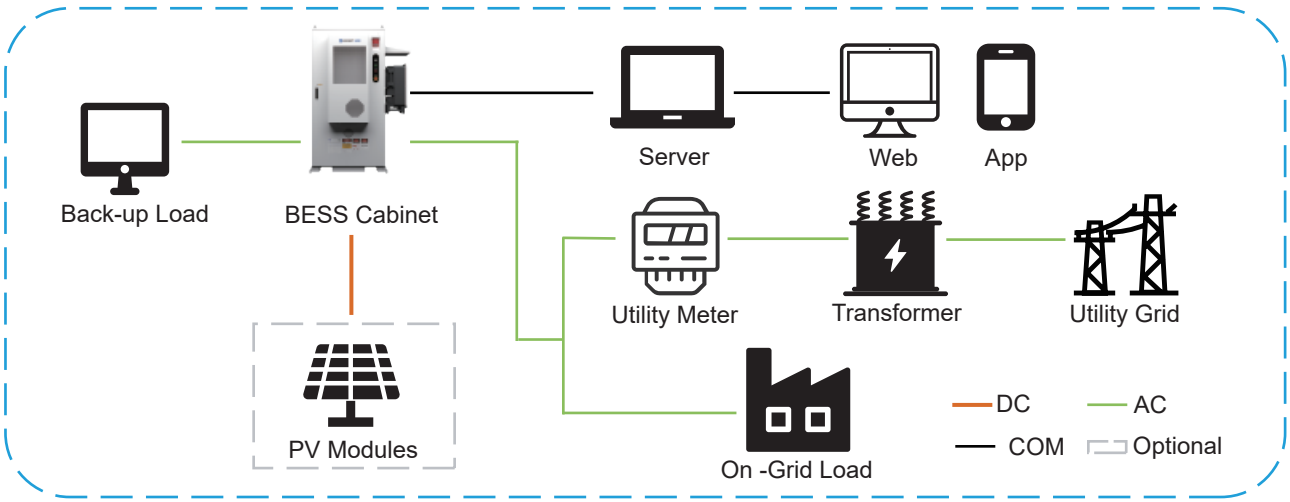
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
Millisecond-level instant grid-connected and off-grid switching

Smart

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

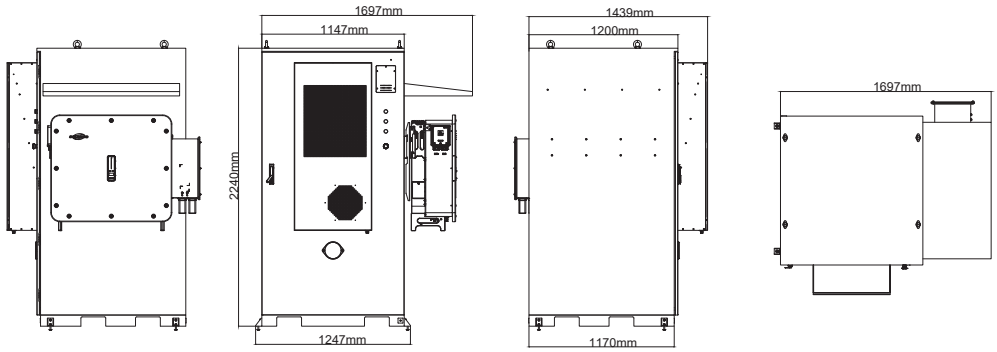


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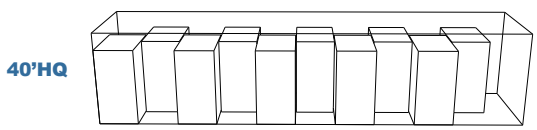
Air Cooling Commercial & Industrial Energy Storage System



	Model	SKTESS241-125K
Battery	Battery Type	LiFePO4
	Nominal Capacity	314Ah
	Battery Configuration	1P240S
	Nominal Energy	241.152kWh
	Nominal Voltage	768V
	Operating Voltage Range	672~ 852V
	Max.Continuous Charge / Discharge Current	157A
	Charge / Discharge Rate	0.5P
	Max. Charge-discharge Efficiency	95% (@25°C~30°C， 0.5P)
	Cycle Life	≥ 6000(@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
PV	Max.DC Input Voltage	1000V
	MPPT Voltage Range	150 ~ 850V
	DC Inputs	2+2+2+2+2+2+2+2+2+2
	Max.Input Current	63A*10
Back-up	Rated Output Power	125kW
	Peak Output Apparent Power	1.5 times of rated power, 10s
System	Max. AC Output Power	135kVA
	Grid Type	3W+N+PE
	AC Output Frequency	50 / 45-55, 60 / 55-65HZ
	AC Output Voltage	220 / 380V
	Voltage Harmonic Distorion	<3% (of nominal power)
	AC Max. Output Current	195.7A
	Power Factor	0.8 Leading … 0.8 Lagging
	Ingress Protection	IP54
	Anti-Corrosion Grade	C4
	Max. System Efficiency	88%
	Operating Environment Temperature	-20°C~50°C,>45°C Derating
	Relative Humidity	5~95 % (non-condensing)
	Max. Working Altitude	3000(＞2000m derating)
	Communication	CAN / RS485
	Cooling	Air Cooling
	Dimension	1697(Incl. rain shield) × 1439 × 2240mm
	Net Weight	2329.5kg(DC)+161.7kg(Inverter)
	Max. Parallel	5

Packing Configuration

Single Dimension	Approx.1297×1509×2395mm
Container	40'HQ
Gross Weight	2420kg
Pieces per Container	10



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Specifications are subject to change without further notification
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