75/100/125kW HYBRID INVERTER /261kWh BATTERY

Liquid Cooling Commercial & Industrial Energy Storage System

Max.**200%** rate
PV Over-sizing Multiple

Max. **95%**
Battery System Efficiency

314 Ah
Battery Capacity

＜**10** ms
Switching Off / On-grid

＜**75** db
Low Noise Operation

1.35 m²
Floor Area

100%
Three-Phase
Unbalanced Output

Max. **5** units(DC)
Parallel expansion
(On-Grid / Off-Grid Mode)



Application Scenarios

- Industrial Parks
- Commercial Complexes
- PV-Storage-Charging Integration
- Data Centers

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

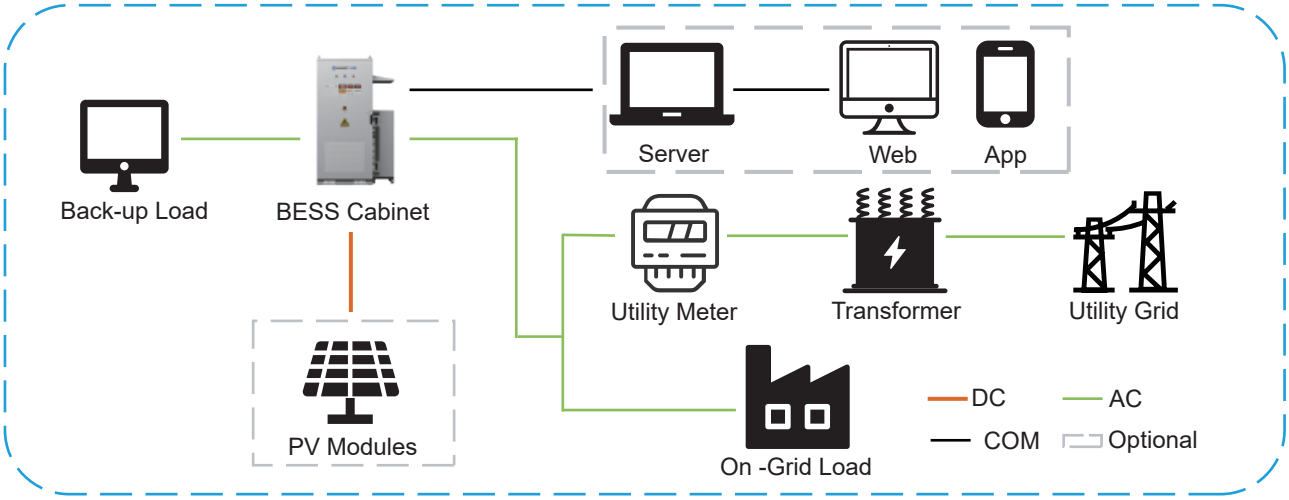
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

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

Smart

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

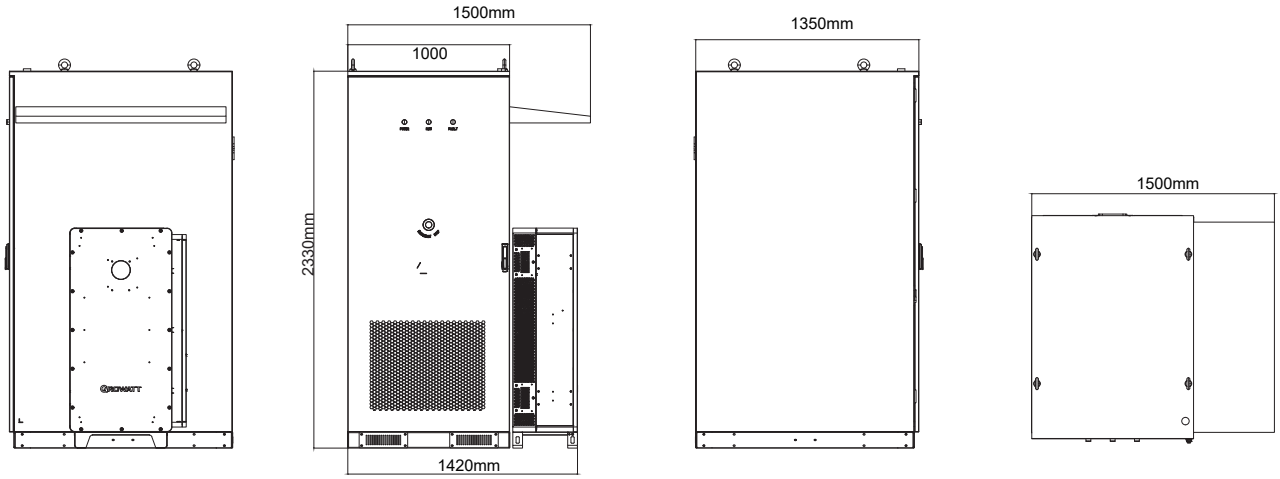


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Liquid Cooling Commercial & Industrial Energy Storage System



	Model	SKTESS261-75K	SKTESS261-100K	SKTESS261-125K
Battery	Battery Type	LiFePO4		
	Nominal Capacity	314Ah		
	Battery Configuration	1P260S		
	Nominal Energy	261.248kWh		
	Nominal Voltage	832V		
	Operating Voltage Range	728~936V		
	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	180 ~ 800V		
	MPPT Number / Max. Input Strings Number	10 / 20	10 / 20	10 / 20
	Max.Input Current	32A*10	32A*10	40A*10
Back-up	Rated Output Power	75kW	100kW	125kW
	On / Off-grid Switching Time	＜20ms		＜10ms
System	Max. AC Output Power	75kW	100kW	125kW
	Grid Type	3P3W+PE/3P4W+PE		
	AC Output Frequency	50/60Hz,45-55Hz/55-65Hz		
	AC Output Voltage	380/400/415V,-15%~+10%		
	Voltage Harmonic Distorion	<3% (@100% load)		
	AC Max. Output Current	125A	166.7A	208.3A
	Power Factor	-1…+1		
	Ingress Protection	IP54		
	Anti-Corrosion Grade	C3		
	Max. System Efficiency	≥86%		
	Operating Environment Temperature	-20°C~55°C（>45Derating)		
	Relative Humidity	≤90 % (non-condensing)		
	Max. Working Altitude	3000(＞ 2000m derating)		
	Communication	CAN / RS485 / WiFi / LAN (Optional)		
	Cooling	Liquid Cooling		
	Dimension	1500× 1350 × 2330mm		
	Net Weight	≤2500kg		

Specifications are subject to change without further notification

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