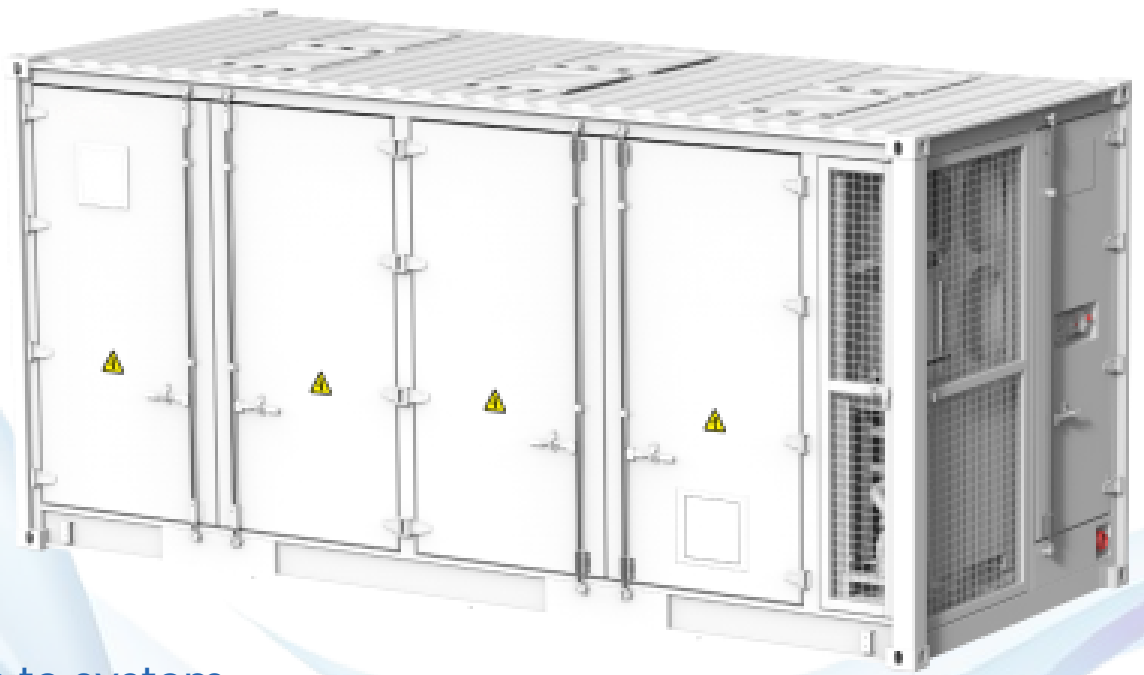


# CONTAINER ESS



## ULTIMATE SAFETY

- Multi-layer electrical protection from cells to system
- Six-sided flame retardant, triple fire protection design
- Precision monitoring system with early warning and fire response

## EFFICIENT MANAGEMENT

- System round-trip efficiency (RTE)  $\geq 90\%$
- A+ grade cells with automotive-grade standards
- Energy-efficient iEMS with multi-site cloud management
- AI cells fault prediction for enhanced safety

## TECHNICAL SPECIFICATION

Product Model		RBT-3000-DC	RBT-4000-DC	RBT-5000-DC
Battery Side	Cell Capacity		314Ah LFP	
	Battery Configuration	8P416S	10P416S	12P416S
	Nominal Voltage		1,331.2V	
	Operating Voltage Range		1,164.8 ~ 1,497.6V	
	Nominal Capacity	3.34MWh	4.18MWh	5.01MWh
	Supported Charge & Discharge Rate		$\leq 0.5C$	
Protection	Overvoltage Protection		Yes	
	Overcurrent Protection		Yes	
	Short-Circuit Protection		Yes	
	Over-temperature Protection		Yes	
	Emergency Stop Protection		Yes	
General Data	Max. Efficiency		$\geq 90\%$ (include self-consumption)	
	Operation Ambient Temperature Range		-30 to 55 °C	
	Storage Temperature		-20 to 35 °C	
	Operating Humidity Range		0 ~ 95%RH	
	Noise		$\leq 80dB$	
	Anti-corrosion Degree		C3/C4/C5 (optional)	
	Dimensions (W*H*D)		6,058*2,896*2,438mm	
	Weight	33T	38T	43T
	Protection Degree		IP55	
	Cooling Method		Liquid Cooling	
	Fire Protection Methos		Aerosol + water suppression system	
	Max. Operating Altitude		$\leq 2,000m$	
Networking Mode		LAN, RS485, CAN		