

# 10FT CONTAINER ENERGY STORAGE SYSTEM

## RES-H10-482L250C-PS/RES-H10-723L250C-PS



PV Plant



Wind Power Energy Storage



C&I ESS



Grid-Side ESS

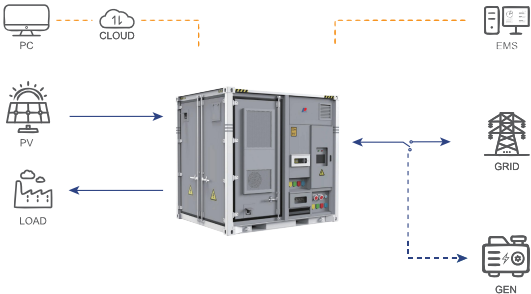


PV+ESS+Charging



Microgrid

### FAN COOLING SYSTEM



All-in-one design for easy transportation and installation, flexible deployment



Separation of electrical and battery compartments to prevent thermal runaway from spreading



Multiple capacity designs Meets the needs of multiple applications



Multiple quick-connect port design Meet the needs of different scenarios for quick connection



Supports PV DC access

Model	RES-372L186	RES-418L209
<b>Battery Parameters</b>		
Charge/Discharge Rate	0.5C	
Rated Battery Cell Capacity [Ah]	314	
Rated Voltage [V]	768	
Operating Voltage Range [V]	672~876	
Rated Energy [kWh]	482	723
Configuration	(1P240S) *2P	(1P240S) *3P
<b>AC Parameters (On Grid)</b>		
Rated Output Power [kW]	250	
Rated Output Current [A]	360	
Rated Grid Voltage & Range [V]	3W/N/PE,230/400	
Rated Grid Frequency [Hz]	50/60	
Power Factor	1 (0.9 leading to 0.9 lagging)	
THDi	≤3% (@ rated power)	
<b>AC Parameters (Off Grid)</b>		
Rated Output Power [kW]	250	
Rated Output Current [A]	360	
Rated Output Voltage [V]	3W/N/PE, 230/400	
Rated Output Frequency [Hz]	50/60	
Unbalanced Load Capability	100%	
<b>PV Input (PV Integration via Optional Side Cabinet)</b>		
PV Max. Input Power [kWp]	360	
MPPT Max. Number	6	
PV Input Voltage Range [V]	200~660	
PV Max. Input Current [A]	6*150	
<b>General Parameters</b>		
Isolation Transformer	Yes	
IP Rating	IP54	
Cooling Method	Battery Compartment (Liquid-Cooled)/Electrical Compartment (Air-Cooled)	
Fire Suppression System	Cabinet-level Fire Suppression	
Relative Humidity	0~95%, Non-condensing	
Temp. Range [°C]	-20~+50	
Max. Operating Altitude [m]	4000 (>2000 Derating required)	
Communication Interface	CAN / RS485, Ethernet	
Communication Protocol	Modbus/IEC104	
Weight [T]	≈8.1	≈9.8
Dimensions(W*D*H)[mm]	2991*2438*2896	