



## C&I ESS



### Safe and Reliable

- No battery parallel connection for system safety
- Multi-level protection to ensure circuit loop cutoff and isolation



### Cost Savings

- All-in-one design, highly integrated for easy transportation and O&M
- Fully pre-assembled, no battery module installation on site



### Flexible and Scalable

- Intelligent liquid cooling with higher energy density and balanced temperature
- Modular design supporting multi-unit connection, easy for capacity expansion



### Intelligent Management

- Intelligent platform supporting efficient operation monitoring, energy management and remote upgrade

System Model	WL-ESS-100kw/241 kWh-0.4kV (IEC)	WL-ESS-135kW/282 kWh-0.48kV (UL)	WL-ESS-135kW/289 kWh-0.48kV (UL)
<b>Battery Parameters</b>			
Battery Cell Type	LFP/314Ah	LFP/306Ah	LFP/314Ah
Battery Capacity at DC Side (BOL)	241kWh	282kWh	289kWh
Rated Voltage	768V	921V	921V
Cooling Method	Smart Liquid Cooling		
<b>AC Parameters</b>			
Rated Power	100kW	135kW	135kW
Rated Voltage	400V±10%	480V±10%	480V±10%
Rated Frequency	50Hz/60Hz	60Hz	60Hz
Max. THD of current	< 3% (at nominal power)		
Adjustable Power Factor	- 1 ~ 1		
<b>General Parameters</b>			
Topology	Transformerless		
Size(W*H*D)*	1350*2300*1350mm	1350*2400*1350mm	1350*2400*1350mm
Weight*	2500kg	3000kg	3000kg
IP Level	IP54		
Fire Protection System	Aerosol, smoke and temperature detector		
Operating Temperature	-20°C ~50°C (> 45°C derating)		
Max. Operating Altitude	2000m		
Communication Interface	RS485 / Ethernet		
Compliance Standard	IEC62477, IEC61000, UN38.3	UL1741, IEEE1547:2018, UL1973, UL9540A, UN38.3	UL1741, IEEE1547:2018, UL1973, UL9540A, UN38.3

\*Subject to actual delivery