

WOLONG ESS

C&I ESS



Safe and Reliable

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



Flexible and Scalable

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



Cost Savings

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



Intelligent Management

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



System Model	WL-ESS-100kW/241kWh-0.4kV
Battery Parameters	
Battery Cell Type	LFP/314Ah
Battery Capacity at DC Side (BOL)	241kWh
Rated Voltage	768V
Cooling Method	Smart Liquid Cooling
AC Parameters	
Rated Power	100kW
Rated Voltage	400V±10%
Rated Frequency	50/60HZ
Max. THD of current	< 3% (at nominal power)
Adjustable Power Factor	- 1 ~ 1
General Parameters	
Topology	Transformerless
Size(W*H*D)*	1350*2300*1350mm
Weight*	2500kg
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

*Subject to actual delivery