



Residential ESS Series

HORIZON- 7.2kWh

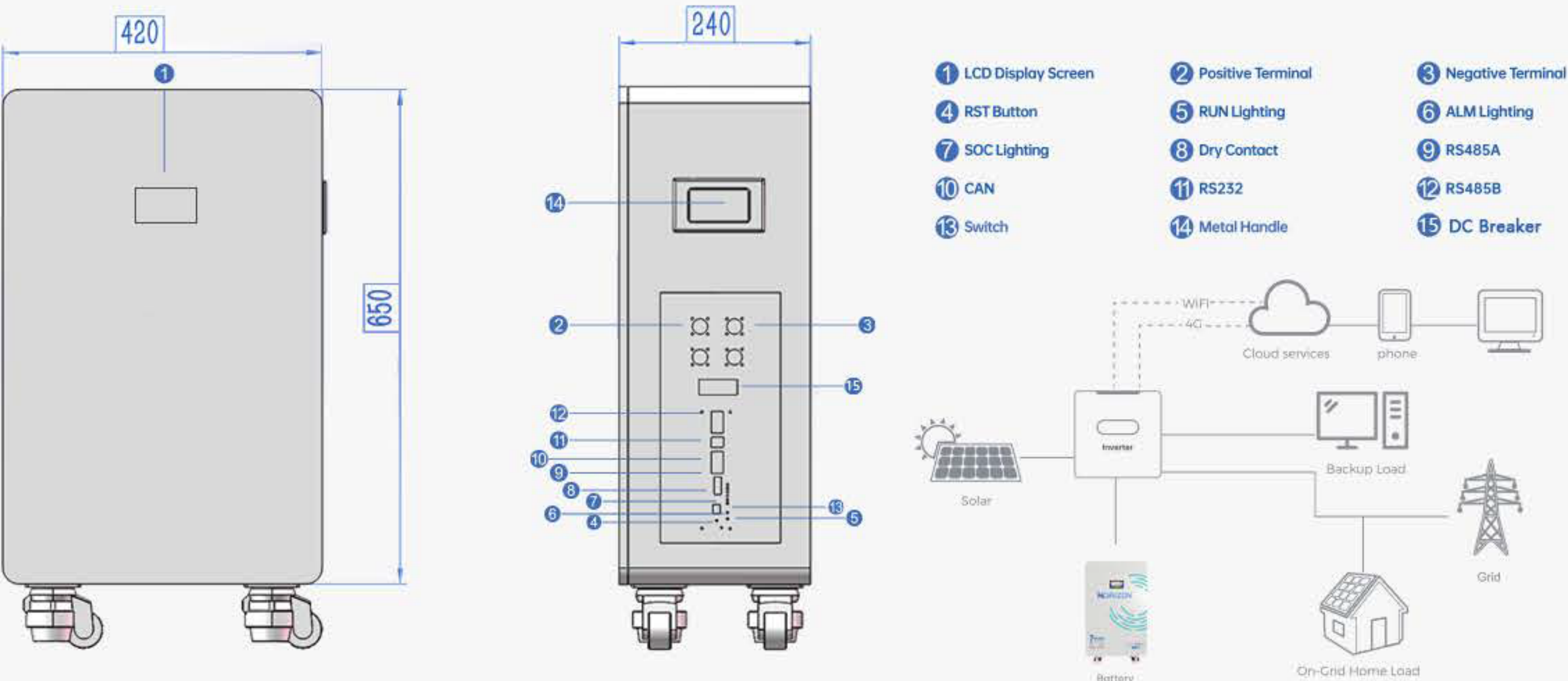
LiFePO4 Lithium Battery

Wheel-Model



Product Features

- Delivers excellent safety, long lifespan, and stability with lithium iron phosphate technology.
- Extremely low self-discharge rate, ensuring long-term reliability and extended battery life.
- Intuitive interface for easy operation and real-time monitoring of battery status.
- Built-in Bluetooth and WiFi support remote monitoring and control, providing smart management anytime, anywhere.
- Wide Compatibility: Seamlessly integrates with most inverters on the market, supporting various applications.



Model	HORIZON- 7.2KWh
Rated Voltage	25.6V
Rated Capacity	280Ah
Rated Energy	7.2kWh
Output Voltage Range	21.6-29.2V
Charging Voltage	28.8-29.2V
Cut-off Voltage	21.6V
Max. Charging Current	150A
Recommended Charging Current	100A
Max.Discharging Current	150A
Efficiency	>98%
Dimension L*W*H (mm)	650*420*240
Weight (kg)	≈ 70
Humidity	5%~95% Relative humidity
Charging Temperature	0℃~55℃
Discharging Temperature	-20℃~60℃
Storage Temperature	-10℃~30℃
Cycle Life	>8000 times (0.2C, @25℃, 80%DOD)
Design Life	>10 years
Operating Mode	Touch Screen

Application scenarios

