



PEGASUS ENERGY

POWERING PEOPLE

MODEL

PE-LFPHV-170

Advanced Lithium Iron Phosphate (LiFePO4) Battery Energy Storage System engineered for efficiency, safety and long-lasting performance.



179 kWh

KEY FEATURES



LCD Display



High Charge / Discharge Rate



New BESS Grade A Cells



20 Years Design Life

BUILT FOR RELIABILITY. DESIGNED TO PERFORM.

1



SAFE & RELIABLE

Built with premium LFP cells and multi-level protection.

2



HIGH PERFORMANCE

High efficiency and superior charge / discharge capability.

3



LONG LIFE

>8000 cycles with design life up to 20 years.

4



SMART & COMPATIBLE

Multiple communication interfaces for easy integration.

SPECIFICATIONS

Parameters	Specifications
Product Model:	PE-LFPHV-170
Battery Chemistry:	Lithium Iron Phosphate (LiFePO4)
Total Energy:	179 kWh
Nominal Voltage:	512 V
Nominal Capacity:	350 Ah
Maximum Power Output:	102 kW
Efficiency:	>95%
Max Charge / Discharge Current:	100 A / 200 A
Peak Discharge Current:	200 A
Charging Voltage:	564 V
Minimum Discharge Voltage:	480 V
Operating Temperature:	-20°C ~ 60°C
Cycle Life:	>8000 (0.5C, 25°C, 80% SOH)
Weight:	1300 kg
Communication:	CAN, RS485, RS232
Configuration:	160S1P
Storage Condition:	<30°C @50% SOC



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