

ENERCORE HAIDI Powerbox 5,5 | 7,5 | 10,1 kWh

ENERCORE™

POWERED BY



Smart, compact and efficient system solutions in home storage area.

Individual use of the PV system for self-consumption optimization and feed-in.

This can be done in combination with a 3-phase hybrid inverter system in the event of a power failure in the network switch to emergency power mode within 10 milliseconds and ensure the grid-independent power supply.

Absolutely fireproof, as it is based on lithium-iron phosphate cell technology.



Residential Specification



Physical

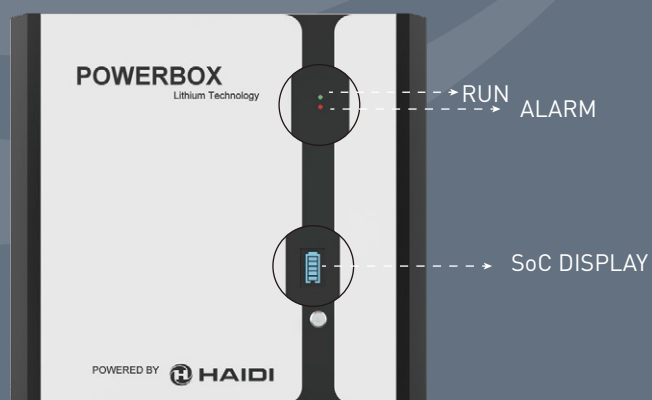
Model No	F5,5kWh
Battery Pack	51.2V100Ah
Battery type	LiFePO4 Chemistry
Approx Weight	51.4kgs
Dimension	590*150*550mm
Protection Level	IP20

Technical Parameter

Nominal Voltage	51.2V
Rated Capacity	100Ah
Discharge Current	100A
Charge Current	$\leq 50A$
Discharge Cut-off Volt	40V
Charge Mode	CC/CV
Charge Voltage	58.4V
Working Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Humidity	$5\% \leq \text{RH} \leq 95\%$
Communication	CANBus/RS485/RS232
Max.Parallel	16 Modules
Certification	UL1973,TUV CB/IEC62619

Electrical

Cycle Life	≥ 5000 Cycles
Life Span	20 Years
Warranty	Product Warranty: 5 Years
	Performance Warranty: 5 Years



Residential Specification

Physical

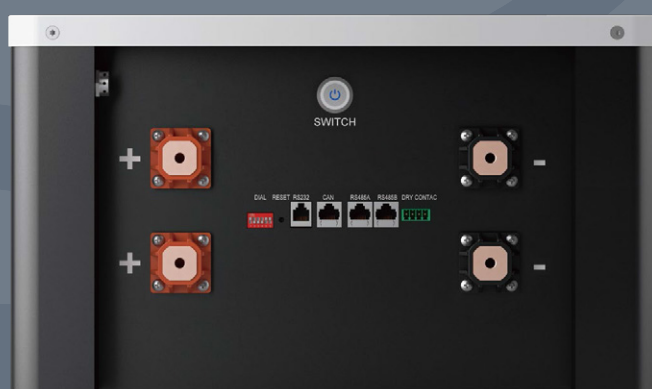
Model No	F7, 7.5kWh	F10, 10kWh
Battery Pack	51.2V150Ah	51.2V200Ah
Battery Type	LiFePO4 Chemistry	LiFePO4 Chemistry
Approx Weight	73kgs	89kgs
Dimension	420*210*760mm	420*260*760mm
Protection Level	IP20	

Technical Parameter

Nominal Voltage	51.2V	51.2V
Rated Capacity	150Ah	200Ah
Discharge Current	100A	200A
Charge Current	≤ 100A	≤ 100A
Discharge Cut-off Volt.	37.5V	37.5V
Charge Mode	CC/CV	CC/CV
Charge Voltage	58.4V	58.4V
Working Temperature	-20℃ ~ +60℃	-20℃ ~ +60℃
Humidity	5% ≤ RH ≤ 95%	5% ≤ RH ≤ 95%
Communication	CAN/RS485/RS232	CAN/RS485/RS232
Max. Parallel	16 Modules	16 Modules
Certification	UL1973, TUV CB/IEC62619	UL1973, TUV CB/IEC62619

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