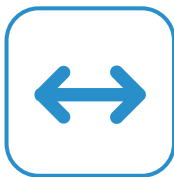
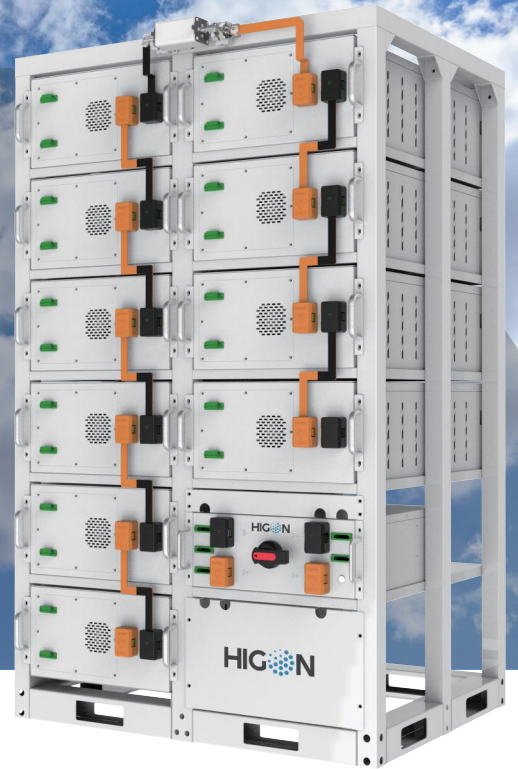


Commercial ESS

RACK HV PRO SERIES (129-200kWh)

The Higon RACK HV PRO system is tailored for indoor use, specifically catering to high voltage setups. Each module in this system offers a larger capacity 14.336kWh, making it suitable for Large Commercial and Industrial (C&I) applications. It aims to enhance solar self-consumption, deliver backup power, and facilitate peak shaving, among other functionalities.



Wider Voltage Range
460~716V



Stronger Scalability
Capacity up to 200.7kWh per cluster



Higher Voltage
High system efficiency



Higher Level Safety
LFP & Smart BMS



Longer Life Time
Long cycle life and superior performance



Wider Compatibility
Cover all needs in commercial fields



Specification RACK HV PRO SERIES

Model	HV51280
Battery Type	LiFePO4
Capacity(kWh)	14.336
Nominal Voltage(V)	51.2
Nominal Capacity(AH)	280
Voltage Range(V)	43.2~58.4
Depth of Discharge	80%
Dimension(W* D* H,mm)	435*234*800
Design Life	15+ years (25 ℃)
Cycle Life	> 6000 (25 ℃)
Communication	CAN
Recommend Discharging Current	IP20
Weight(kg)	113
Operation Temperature	0~50℃
Product Certificate	UN38.3
Cooling Method	Air Cooled



Model	RACK HV PRO 129.02	RACK HV PRO 143.36	RACK HV PRO 200.7
Rack Type	LiFePO4	LiFePO4	LiFePO4
Battery Module Type	HV51280	HV51280	HV51280
Battery Module Quantity (Unit)	9	10	14
Nominal Energy (KWH)	129.02	143.36	200.70
Nominal Capacity (AH)	280	280	280
Nominal Voltage (V)	460.8	512	716.8
Operating Vol Range (V)	388.8~525.6	432~584	604.8~817.6
Max. Power Output (KW)	129.02	143.36	200.7
Recommend Charging Current (A)	140	140	140
Recommend Discharging Current (A)	140	140	140
Dimension(W* D* H,mm)	805*890*1625	805*890*1625	805*890*2125
Net Weight (kg)	1239	1352	1737
Module Quantity and Configuration	9 Units in series 1 BMU	10 Units in series 1 BMU	14 Units in series 1 BMU