

Smart ESS All-In-One Cabinet (60kW/126kWh)



iESS-CAB-W126H



Safe&Reliable

LFP battery cells comply with the requirements of IEC/UL/GB standards
Advanced BMS, multi sampling point coverage, real-time data feedback
Independent single battery cluster, no circulation, high safety



Intelligent Operation And Maintenance with Cloud Platform

Intelligent EMS system, developed exclusively by Hoenergy
Digital system, rapid diagnosis, support remote monitoring
Large colorful LCD, HMI friendly interaction



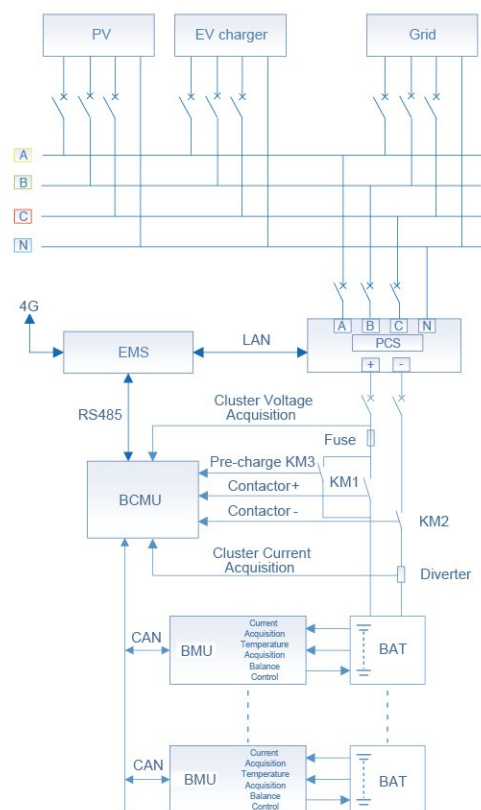
Multi Scenario Applications

Support multi scenarios, micro grid, distributed generation,
peak valley arbitrage, flexible standby, grid reactive power
compensation etc.



All-In-One Design

Small footprint, easy to install and maintain
IP55 ingress protection, suitable for harsh environment applications



Technical Data

Model	iESS-CAB-W126H
Battery Specifications	
Battery Type	LFP
Battery Capacity	150Ah
Battery Cell Combination	1P264S
Rated Capacity	126kWh
Rated DC Voltage	845V
DC Voltage Range	DC660 ~ 963.6V
Charge/Discharge Rate	Rated 0.5C
DOD	90%
Battery Cooling	Air cooling
AC Specifications	
AC Rated Power	60kW
AC Maximum Power	66kW
THDi	<3% at rated power
DC Component	<0.5% rated output current
AC Rated Voltage	400V AC
Allow able Grid Voltage Range	320V~ 460V
System Wiring	3P+N+PE
Rated Grid Frequency	50/60Hz
Power Factor	0.98(leading)~0.98(lagging)
Off-Grid Operation	Yes
System Specifications	
Dimensions(W*D*H)	1600x1200x2250mm
Weight	2.0t
Ingress Protection	IP55
Corrosion Resistant Grade	C5
Operation Temperature Range	-30℃~60℃
Storage Temperature Range	-20℃~60℃
Relative Humidity	≤100%
Battery Temperature Control	Industrial temperature controlled air conditioner
Fire Fighting Equipment	Aerosol (optional with heptafluoropropane)
Altitude	De-rated >3000m
PCS Cooling	Temperature controlled air forced cooling
Communication Protocol	Standard : Modbus /104 /4G
Communication Interface	RS485, RJ45

Contact us

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Outdoor BESS Cabinet (126kWh)

BESS-CAB-W126H



Safe&Reliable

LFP battery cells comply with the requirements of IEC/UL/GB standards
Advanced battery management system, multi sampling
point coverage, real-time data feedback



Convenient & Quick Installation

Cabinet design, convenient site installation
IP55 ingress protection/C5 corrosion resistant grade, suitable for
outdoor application



Easy Maintenance

Double door design at the front and back of the cabinet
for fast maintenance of core parts
Battery modular design, easy for replacement



Secured Operation

Industrial air conditioner ensures the best operating
temperature of the battery cell and extends its service life
Built in fire-fighting system can effectively extinguish fire
and prevent re ignition

Technical Data

Model	BESS-CAB-W126H
Battery Specifications	
Battery Type	LFP
Battery Capacity	3.2V/150Ah
Battery Cell Combination	1P264S
Rated Capacity	126kWh
Rated voltage of electric cell	3.2V
Rated DC voltage	DC844.8V
DC Voltage Range	DC660~963.6V
Charge/Discharge Rate	≤0.5℃
DOD	90%
Battery Cooling	FAN Cooling
System Specifications	
Dimensions(WxDxH)	1600×1200×2250
Weight	2.0t
Ingress Protection	IP55
Corrosion Resistant Grade	C5
Installation location	Outdoor installation
Operation Temperature Range	-30℃~60℃
Storage Temperature Range	-20℃~60℃
Relative Humidity	≤100%
Altitude	≤2000m
Battery Temperature Control	Industria I temperature controlled air conditioner
Fire Fighting Equipmen	Aerosol (optiona I with heptafluoropropane)
Communication Protocol	CAN/MODBUS
Communication Interface	CAN2.0,RS485

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