HIITIO **B208/261**

Liquid-Cooled All-In-One ESS 208/261kWh

Product feature:

Safe

- ·3-level BMS architecture and Holistic Cell Data Management
- ·6-level electrical protection
- ·Comprehensive fire protection system.
- ·CE marked

Versatile

- ·Compatible with different European market grid connection standards
- ·Back-to-back and side-by-side installation
- ·1 to 10 cabinets configuration

Economical and Efficient

- ·Intelligent liquid cooled temperature control
- ·Extremely uniform temperature field to keep the system longer cycle life
- ·Low auxiliary consumption
- ·Higher RTE for lower electricity cost
- ·Suitable for shipment in standard container
- ·OSS system to make the O&M easier and more visible
- ·Plug and Play

Smart

- ·Cloud plus Mobile App
- ·Active balancing

Specification of battery cabinet

Item	Parameter	
Product name	Hiitio B208	Hiitio B261
DC side		
Cell type	LFP,314Ah,3.2Vdc	
Battery configuration	1P52S*4S	1P52S*5S
Nominal voltage	665.6Vdc	832Vdc
Voltage range	615~748Vdc	715~936Vdc
Nominal energy	208.998kWh	261.248kWh
Rated C -rate	0.5CP	
Overcurrent protection	Fuse+Breaker	
AC side		
Rated voltage	400Vac	
Rated power	105kW	
max power	115.5kW	
Wiring configuration	3P+N+PE (N terminal is reserved)	
Isolation type	Non isolated	
Grid frequency	50/60Hz	
Operation mode	On-grid and off-grid	
Surge protective device	Type 2	
General		
Weight	2400kg	2650kg
Dimensions (W*D*H)	1450*1330*2150mm	
Working temperature	-30 ~ 50°C (Derating above 45°C)	
IP rating	IP55,Outdoor	
Corrosivity category	C4 (Up to C5 available)	
Cooling method	Liquid cooling	
Fire Suppression System - Detectors	Smoke detector, Heat detector, Combustible gas detector	
Fire Suppression System - Deflagration venting	Ventilation	
Fire Suppression System - Fire extinguishing	Aerosol, Dry water pipe	
Fire Suppression System - Alarm	Sound-light fire alarm	
Battery Management System	4*BMU +1* BCMU	5*BMU +1* BCMU
Communication	LAN, CAN, RS485, I/O	
Cell balancing type	Active cell balancing, 2A	
Code		
Compliance	IEC 62619, UN38.3, EN IEC 62477-1,EN IEC 61000-6-2/4	

Dimensions and parameters are subject to change without prior notice

Specification of converging cabinet

Item	Parameter
AC side	
Rated voltage	400Vac
Grid frequency	50/60Hz
Rated current	1520A
Wiring configuration	3P+N+PE (N terminal is only for auxiliary circuit)
Max. battery cabinet inputs	10
Overcurrent protection	MCCB
Surge protective device	Type 2
General	
Weight	350kg
Dimensions (W*D*H)	800*950*2150mm
Working temperature	-30 ~ 50℃
IP rating	IP55, outdoor
Corrosivity category	C4 (Up to C5 available)
Battery Management System	DTU
Communication	LAN, RS485, I/O
Code	
Compliance	EN IEC 61439-1, EN IEC 61439-2