



C&I BESS (Air-cooled) Specification-200kWh

Product model : HD-00BPL-0200-2h-FN-1P0100-S/C



Flexible Parallel Connection

- Allow 10 cabinets to be in-parallel, with a maximum capacity up to 2MWh



Extreme Security

- Distributed design and partition isolation
- Cell holographic management, BESS 5-level protection



High Efficiency and Economy

- Efficient modulation strategy, PCS efficiency is as high as 98.2%
- Intelligent control of temperature, system temperature difference <math>< 5^{\circ}\text{C}</math>



Intelligent and User-friendly

- Compatible with multi-scenarios such as on/off-grid, VPP.
- Modular design, minimalist installation and operation
- One-click management remotely

Asterix B-200

Name	Parameter
DC parameter	
Cell type	LFP
System battery configuration	1P224S
Battery capacity (BOL) at DC side	200.7kWh
Nominal voltage	716.8V
Voltage range	616~806.4V
Rated charge and discharge rate	0.5CP
AC parameter	
Rated AC voltage	400V
Rated AC power	100kW
Rated AC current	144A
Rated grid frequency	50/60Hz
Maximum efficiency	98.5%
Power factor adjustable range	-1~+1
THDi (Rated power)	< 3%
System parameter	
Isolation type	Transformerless
Cooling method	Air-cooled
Fire safety equipment	Fammable gas detector, Aerosol, Explosion vent panel
Communication interfaces	Ethernet/RS485/CAN
On/off-grid	Both support
Communication protocols	Modbus TCP
Product size (W * D* H)	1550*1092.5*2150mm
Weight	2100kg
Protection level	IP55
Anti-corrsion level	C5
Operating temperature range	-30°C~50°C(> 45°C derating)
Allowable relative humidity range	≤95% (no condensation)
Max. working altitude	4000m(> 2000m derating)
Compliance	UN38.3, IEC62619, IEC61000-6-2,4, EN50549-1

Dimensions and parameters are subject to change without prior notice

Asterix C-5/8/10

Name	Parameter
Rated AC voltage	400V, 3W+PE
Rated AC power	500/800/1000kW
Rated AC current	5/8/10*144A
Limitation of parallelable Qty	10
Auxiliary power	≤100W
Short circuit protection	Available
Surge protection	Available
UPS backup time	1h (ambient temperature -20°C~50°C)
Communication interfaces	Ethernet/RS485/CAN
Operating temperature	-30°C~50°C
Altitude	4000m(>2000m derating)
Product size (W * D* H)	800*950*2150mm
Weight	400kg
Protection level	IP55
Anti-corrision level	C5

Multi scenario solutions

HITE C&I BESS can be deployed on demand to meet the needs of different capacity applications and achieve different multifold capacity configurations of 100kW/200kWh.

Support a variety of application scenarios, energy optimization, frequency regulation, and on/off-grid applications.

