Industry&Commercial Air Cooling BESS

HYDC00201P499.2205



102kWh

- Cost-saving investment
- Efficient and flexible
- Secure and reliable
- Smart and User-Friendly

Specifications

Product Model	HYDC00201P499.2205
Nominal capacity	102kWh
Battery cell specifications	3.2V/205Ah
Cell configuration	1P26S*6
Battery cell type	LFP
Battery voltage range	436.8V~569.4V
Nominal voltage	499.2V
Battery cabinet dimensions (L*W*H)	742*2111*1195mm
Battery cabinet weight	1250kg
Rated current	100A
Charge-discharge mode	0.5P/0.5P
Inverter Configuration	Output rating： 50kW
	Maximum charge/discharge power： 50kW
	Maximum apparent power： 55.5kVA
Battery cycle efficiency	≥93%@AC
Communication mode	Ethernet/RS485/CAN
Output voltage	380V@AC
Design reference criteria	GB/T36276-2023
Operating temperature range	-20℃~60℃
Operating humidity range	≤95%（Non-condensing）
Altitude	＜2000m(2000~4000m derated operation)
Color	RAL9003
Vibration	Zone 4
Noise	≤75dB@1m
Firefighting	Cabinet level aerosol + temperature sensor + smoke detector + water detection system/sound and light alarm system
Local Emergency Stop	Available/Yes