



102kwh Industry&Commercial Air Cooling BESS

HYDC00201P499.2205



▶ Cost-saving investment



▶ Efficient and flexible



▶ Secure and reliable



▶ Smart and User-Friendly



⚡ 规格 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 (W*H*D)	742*2111*1195mm
Battery cabinet weight	1250kg
Level of protection	IP55
Rated current	100A
Charge-discharge mode	0.5P/0.5P
Inverter Configuration	Configuration power : 50KW
	Output rating : 50KW
	Apparent power : 55.5KVA
Battery cycle efficiency	≥93%@AC
Communication Method	Ethernet/RS485/CAN
Output voltage	380V@AC
Design reference criteria	GB/T36276-2023
Operating temperature range	-30°C~55°C
Operating humidity range	≤95% (Non-condensing)
Altitude	< 2000m(2000~4000m Power Derating Operation)
Color	RAL9003
Vibration	Zone4
Noise	≤75dB@1m
Firefighting	Cabinet level aerosol + temperature sense + smoke sense + water detection system/sound and light alarm system
Emergency Stop	Available/Yes