Industry&Commercial Air Cooling BESS

HYDC00101D614.4100



61kWh

Cost-saving investment

Efficient and flexible

Secure and reliable

Smart and User-Friendly

Specifications

Product Model	HYDC00101D614.4100
Nominal capacity	61kWh
Battery cell specifications	3.2V/100Ah
Cell configuration	1P24S*8
Battery cell type	LFP
Battery voltage range	537.6V~691.2V
Nominal voltage	614.4V
Battery cabinet dimensions (L*W*H)	1183*1865*1063mm
Battery cabinet weight	1000kg
Rated current	50A
Charge-discharge mode	0.5P/0.5P
Inverter Configuration	Output rating： 30kW
	Maximum charge/discharge power： 33kW
	Maximum apparent power： 33kVA
Battery cycle efficiency	≥93%@AC
Communication mode	Ethernet/RS485/CAN
Output voltage	400V/230V@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