5.12KWH RESS Certified Version-Wall mounted / Vertical **HYH003D51.2100 / HYE003D51.2100**

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Product Model	HYH003D51.2100 / HYE003D51.2100
Nominal capacity	5.12kWh
Battery cell specifications	3.2V/100Ah
Cell configuration	1P16S
Battery cell type	LFP
Battery voltage range	44.8V~58.4V
Nominal voltage	51.2V
Battery cabinet dimensions (L*W*H)	460*420*145mm
Battery cabinet weight	45 kg
Rated current	50A
Charge-discharge mode	0.5P/0.5P
Communication interface	CAN/RS485
APP functions	Bluetooth/WIFI
Protection	BMS/Circuit breaker
DOD	85%
Number of cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000
Operating temperature range	-20°C ~ 60°C
Altitude	＜2000m (2000m~4000m derated operation)
Color	RAL9001