

All-in-One Series

UESS-CAB 50-100F



Highly Integrated Design

- ◆ All-in-One Design, Factory Prefabricated Design
- ◆ IP55, Flexible Deployment, Plug and Play



High Yield

- ◆ High Efficiency: Maximum Round trip Efficiency 90%
- ◆ Long Life: 10 Years/ 6000 Cycles



Safe and Reliable

- ◆ Precise Monitoring and Quick Response Atomizing agent+Water Dual Mode fire Extinguishing System
- ◆ Off-Grid Independent Operation, V/F Control in off-grid Operation.



Easy Operation and Maintenance

- ◆ Modular Design, Flexible Configuration, Support Multiple Cabinets Deployment and Connection
- ◆ Low Operation cost: Digital-twin based Platform Enable real-time Monitoring, Remote Control and Failure Diagnosis, Significantly Reduce O&M cost

Model	UESS-CAB 50-100F
Battery Type	Lithium Iron Phosphate
Nominal Voltage(V)	358.4
Nominal Capacity(AH)	280
Cabint Siza(mm)	1250*1245*2175
Weight(kg)	1260
Charge/Discharge Power Max.(A)	140
Cooling Method	Air-cooled
Protection Class	IP55
Type of Firefighting	Aerosol
Battery Specifications	Parameter
Battery Type	51.2V-280AH
Nominal Capacity(KWH)	100
Recommend Charge/Discharge Current(A)	100
Max. Charge/Discharge Current(A)	140
Communication	RS485/CAN
Working Temperature	0~50 ℃ Charge -10~50 ℃ Discharge
Transport or Storage Temperature Range	-30~+50 ℃
Design Life	10 Years+
Cycle Life	(0.5C/0.5C-80%DOD) >6000 times
Cooling Method	Air-cooled
AC Specifications	Parameter
Rating	50KW
Overloaded	110%
Rated AC Voltage	400V
Rated Frequency	50/60Hz
Communication	Ethernet/Modbus/TCP/IP
Inverter Type	Deye/Solis/Megarevo/Other

Certifications



GB/T 36276-2018



IEC 62619



IEC 63056



UN38.3