

# EFIS-CAB-L232H Series 232.96 kWh Liquid Cooling Cabinet for Commercial and Industrial Energy Storage

QNIC001D800280



## Investment Savings

- Lithium iron phosphate batteries meet the requirements of IEC, UL, and GB standards.
- An advanced battery safety management system features multi-sampling point coverage and provides real-time data feedback for independent single-cluster batteries, ensuring no circulation and enhanced safety.



## Off-Grid Flexibility

- Seamless transition between on-grid and off-grid systems, ensuring backup energy for essential loads.
- This technology supports self-generation, self-consumption, and microgrid applications.



## Safe and Reliable

- DC coupling of photovoltaic storage connects to multiple systems.
- Strategies for Operating Photovoltaic Storage Systems for On-Demand Use.



## Smart and friendly

- Embedded BMS integrated design, digital system, fast diagnosis.
- Can support linkage between local monitoring and cloud monitoring.

# PARAMETERS

ONE-STOP CARBON NEGATIVE PROVIDER  
OF ENERGY SOLUTIONS

Product model	QNIC001D800280
Nominal Capacity	232.96kWh
Cell Specifications	3.2V/280AH
Cell Assembly	1P52S*5
Number Of Series-parallel Connections In a Single Cluster	1P260S (5 Packs)
Cell Type	LFP
Battery Voltage Range	650V-936V
Nominal Voltage	832V
Battery Cabinet Size (L*W*H)	1475*1540*2130mm
Battery Cabinet Weight	2500kg
Protection Degree	IP65
Short-circuit current	140A
Charge and discharge rate	0.5C
Matched PCS	100KW
Dischargeable Power	>210kwh
Battery Cycle Efficiency	≥90%@AC
Communication Interface	Ethernet/RS485/CAN
Communication Protocol	Modbus TCP/Modbus RTU/CAN 2.0
Output Voltage	380V@AC
Design Reference Standard	GB/T 36276-2018,UL1973,UL9540,UL9540A,UN38.3,IEC62619,IEC61000,NFPA69,NFPA70,NFPA855,IEC62620
Auxiliary Backup Power Supply	Online (0.5h power backup)
Operating Temperature Range	-20°C~55C
Operating Humidity Range	<95% (no condensation)
Altitude	<2000m (2000m~4000m Run at a Reduced Rate)
Liquid Cooling Unit	5kw
Thermal Management	Liquid cooling+heating
Color	RAL9003
Vibrations	Zone 4
Noise	≤ 75 dB @1m
Fire Protection	Perfluorohexane+Pack level integrated automatic fire extinguishing system+ manual fire extinguishing system with fire water inlet, combustible gas, temperature, and smoke detection system
Emergency Stop in Situ	Equipped
Remote Emergency Stop	Equipped

