

DATASHEET

SPECIFICATION

Battery Type	LiFePO4 280Ah
System battery configuration	1P280S
Dimension (W*D*H mm)	1050*1400*2250mm
DC side battery capacity@BOL	215kWh @RT, 0.5C,BOL
Battery voltage range	DC 620-876V
Max.Charge/Discharge Current(A)	176
Weight(kg)	2500
Max. RTE	≥90%
Auxiliary power supply	Self-powered/Externally powered
Working Temperature	Charge: 0~55℃, Discharge: -30~60℃
Altitude	≤2000m
Cooling Method	Liquid-Cooling
Fire Safety Configuration	Smoke detector/Temperature detector/Aerosol fire extinguisher
Communication	RS485/CAN
Installation Style	Floor-mounted
Anti-Corrosion Level	C3
Protection Level	IP54
Warranty	10 years

CERTIFICATION

Safety(CB)	IEC 62619
EMC(CE)	EN IEC61000
Transportation	UN38.3

C&I ESS



High Flexibility

Modular design,flexible configuration, support multiple cabinets deployment and connection

Long Life

10 years /6000 cycles

Low Operation Cost

Digital-twin based platform enable real-time monitoring, remote control and failure diagnosis, significantly reduce O&M costs

High Safety

Precise monitoring and quick response smoke detector +temperature detector,aserosol fire extinguisher

High Efficiency

Maximum roundtrip efficiency 90%

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