

1500V Air Cooling Energy Storage Battery System

AX 3440



Safe
Ultimate safety design,
dual layer fire protection



Easy maintenance
Modular design, saving operation and
maintenance time and costs



Intelligent BMS
Adopting a three-level architecture BMS



Smart
Intelligent whole-life cycle management
and control

Model(Lithium-ion battery module)	GM-43-HWB
Standard charge & discharge rate	0.5C
Combination mode	1P48S
Rated capacity	43kWh
Nominal Voltage	153.6V
Internal Impedance	≤0.5mΩ(New Cell 50%SOC, BOL)
Battery charge temperature	0°C~45°C
Battery discharge temperature	-10°C~60°C
Model(Lithium-ion battery rack)	GM-344-HWB
Standard charge & discharge rate	0.5C
Combination mode	1P384S
Rated capacity	344kWh
Cooling Method	Air conditioner
IP Rating	IP55
Battery charge temperature	0°C~45°C
Battery discharge temperature	-10°C~60°C
Model(Container system)	AX-3440-AW
Nominal Capacity	2800Ah
Nominal Voltage	1228.8V
Nominal Battery Capacity	3.44MWh
Standard charge & discharge rate	0.5C
Cooling Method	Air conditioner
Charge Temperature	0°C~45°C
Discharge Temperature	-10°C~60°C
Dimensions (W*D*H)	6058mm*2438mm*2891mm
Weight	≤32T
IP Rating	IP55
Communication	CAN/RS485/LAN
Storage humidity	<95%, No condensation
Max. operating altitude(m)	≤4000m (>3000m derating)
Certifications	UN38.3, MSDS

CE UL IEC UN38.3 MSDS