



ATLAS 02

C&I Energy Storage System

100kW~MW

Integrated

Auto Switching

Features



- High-quality and reliable batteries certified by UL 1973, UL 1642, IEC 62619 and other international standards, with a cycle time of ≥ 8000 times.
- A multi-level distributed architecture design and high-accuracy acquisition and detection with a voltage error $<5\text{mV}$ and a current error $<1\%$. The intelligent SOX algorithm of the neural network is used. Therefore, the charging and discharging efficiency is optimized.
- Two levels of protection + Flood sensing + Blowout (Optional) + Exhaust system (Optional)
- Support optional MPPT module, DC coupling, access to photovoltaic, improve efficiency; and support optional STS module, can realize the automatic switching and off-grid, with off-grid backup function.
- Integrated design, covering an area of less than 2m^2 ; Front wiring, simple installation, plug and play; Supports parallel expansion and system expansion.
- Human-computer interaction design, cloud technology, remote maintenance and monitoring, support for local touch screen, cloud platform and cell phone APP complete set of programs.

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Product Series	AS02-100S200	AS02-100S215	
Product Model	AS02-100200C	AS02-100215C	AS02-100215E
Battery Side			
Cell Type	LFP		
Cell Specification	3.2V 280Ah		
PACK Capacity	14.336kWh	17.92kWh	
Nominal Capacity	200.704kWh	215.04kWh	
Nominal Voltage	716.8V	768V	
PV Input(Optional)			
DC Input Voltage Range	250V~645V	250V~695V	
MPPT Voltage Range	360V~645V	360V~695V	
No. of MPPT Tracker / Strings	1/1		
PV Isc	320A		
Max. DC Input Power	110kW		
AC Grid Output			
Nominal AC Output Power	100kW		
Max. AC Output Power	110kW		
THDi	< 3% (Of nominal power)		
Nominal Voltage	400V		
Nominal Frequency	50/60Hz		
AC Off-grid Output(Optional)			
Nominal Output Power	100kW		
Wiring Method	3L+N		
Nominal Output Voltage	400V		
Nominal Output Frequency	50/60Hz		
THDu	< 3% (Of nominal power)		
System Parameter			
Communication Interface	RS485, CAN, etc.		
Communication Protocol	Modbus		
Display	Touch screen, Cloud platform, APP		
Protection Grade	IP54		
Cooling Mode	Industrial Air-conditioning		
Firefighting Mode	PACK level fire + Detection + System level aerosol (Perfluorohexanone optional) + Flood sensing + Blowout (Optional) + Exhaust system (Optional)		
Installation Mode	Outdoor		
Corrosion-proofing Grade	C3		
Ambient Temperature	-30°C ~ +55°C (> 45°C derating)		
Ambient Humidity	0 ~ 95% (No Condensation)		
Noise	< 70dB		
Altitude	2000m		
Size (W*D*H)	1720*1200*2185mm		
Weight	2400kg		