



ATLAS 03

C&I Energy Storage System

4 MPPTs

50kW~MW

Auto
Switching



Features

- Modular, all-in-one machine plug-and-play, parallel expansion
- PACK level + cluster level + system level + partition security isolation
- Real-time monitoring, cloud-based dimension collection, multi-platform display
- DC coupling, and off-grid automatic switching
- Multi-level distributed architecture, neural network intelligent SOX algorithm

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Product Series	AS03-50S-100
Product Model	AS03-50S100E
Battery Side Parameter	
Cell Type	Lithium-ion
Cell Specification	3.2V 150Ah
PACK Capacity	7.68kWh
Nominal Capacity	99.84kWh
Nominal Voltage	665.6V
PV Side Parameter	
DC Input Voltage Range	150V~1000V
MPPT Voltage Range	150V~850V
No. of MPPT Tracker / Strings	4/8
Max. DC Input Current	55A*4
Max. DC Input Power	65kW
AC Side Grid Connection Parameter	
Nominal AC Output Power	50kW
Max. AC Output Power	55kVA
THDi	< 3% (of nominal power)
Nominal Voltage	230/400V
Nominal Frequency	50/60Hz
AC Side Off-grid Parameter	
Nominal Output Power	50kW
Wiring Method	3L+N+PE
Nominal Output Voltage	230/400V
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	IP55
Cooling Mode	Industrial Air-conditioning
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)	1100*1350*2100mm
Weight	1450kg