



## 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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## C&I Energy Storage System



Product Series	AS03-30S-100	AS03-35S-100	AS03-40S-100	AS03-50S-100
Product Model	AS03-30S100E	AS03-35S100E	AS03-40S100E	AS03-50S100E
<b>Battery Side Parameter</b>				
Cell Type	Lithium-ion			
Cell Specification	3.2V 150Ah			
PACK Capacity	7.68kWh			
Nominal Capacity	99.84kWh			
Nominal Voltage	665.6V			
<b>PV Side Parameter</b>				
DC Input Voltage Range	150V~1000V			
MPPT Voltage Range	150V~850V			
No. of MPPT Tracker / Strings	3/6		4/8	
Max. DC Input Current	55A*3		55A*4	
Max. DC Input Power	39kW	45.5kW	52kW	65kW
<b>AC Side Grid Connection Parameter</b>				
Nominal AC Output Power	30kW	35kW	40kW	50kW
Max. AC Output Power	33kVA	38.5kVA	44kVA	55kVA
THDi	< 3% (of nominal power)			
Nominal Voltage	230/400V			
Nominal Frequency	50/60Hz			
<b>AC Side Off-grid Parameter</b>				
Nominal Output Power	30kW	35kW	40kW	50kW
Wiring Method	3L+N+PE			
Nominal Output Voltage	230/400V			
Nominal Output Frequency	50/60Hz			
THDu	< 3% (of nominal power)			
<b>System Parameter</b>				
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			