



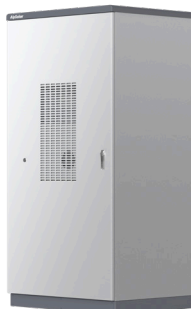
ATLAS 01

C&I Energy Storage System

< 1m²

2 MPPTs

30kW~MW



Features

- Support 4-way PV input, with 2-way MPPT function
On-grid and off-grid switching time < 10 ms
- Floor space < 1 m²
- Support to be displayed in different ways, such as backstage terminal, cloud platform, and APP
- Support parallel operation and expansion

ATLAS 01

C&I Energy Storage System



| Product Series | AS01-30S | | | | |
|--|-----------------------------------|--------------|--------------|--------------|--------------|
| Product Model | AS01-30S-030 | AS01-30S-060 | AS01-30S-080 | AS01-30S-090 | AS01-30S-100 |
| Battery Side Parameter | | | | | |
| Cell Type | Lithium-ion | | | | |
| Cell Specification | 3.2V 52Ah | | 3.2V 150Ah | | |
| PACK Capacity | 5.32kWh | | 7.68kWh | | |
| Nominal Capacity | 31.94kWh | 63.89kWh | 84.48kWh | 92.16kWh | 99.84kWh |
| Nominal Voltage | 614.4V | | 563.2V | 614.4V | 665.6V |
| PV Side Parameter | | | | | |
| DC Input Voltage Range | 150V~900V | | | | |
| MPPT Voltage Range | 150V~850V | | | | |
| No. of MPPT Tracker / Strings | 2/4 | | | | |
| Max. DC Input Current | 40A*2 | | | | |
| Max. DC Input Power | 45kW | | | | |
| AC Side Grid Connection Parameter | | | | | |
| Nominal AC Output Power | 30kW | | | | |
| Max. AC Input Power | 45kW | | | | |
| THDi | < 3% | | | | |
| Nominal Voltage | 230/400V | | | | |
| Nominal Frequency | 50/60Hz | | | | |
| AC Side Off-grid Parameter | | | | | |
| Nominal Output Power | 30kW | | | | |
| Wiring Method | 3L+N+PE | | | | |
| Nominal Output Voltage | 230/400V | | | | |
| Nominal Output Frequency | 50/60Hz | | | | |
| THDu | < 3% | | | | |
| 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) | 1150*900*2270mm | | | | |
| Weight | 1030kg | 1350kg | 1192kg | 1256kg | 1320kg |