

JAGalaxy Air Cooling Utility-Scale Energy Storage

JAG-ES-1000kW-2150kWh-B01
JAG-HS-1000kW-1200kWp-2150kWh-B01



PRODUCT HIGHLIGHTS



SAFETY & RELIABILITY

- LFP battery cells for safety and extended lifespan
- Physical isolation between battery and electrical compartments contains thermal transmission



FLEXIBILITY & COMPATIBILITY

- Multi-source inputs/outputs (PV/Battery/DG/Grid /Load)
- Configurable operating modes for diverse scenarios
- Walk-in access enables quick troubleshooting and maintenance



INTELLIGENCE & EFFICIENCY

- Real-time system monitoring with cloud connectivity
- Integrated plug-and-play design for rapid installation
- Advanced battery management system and comprehensive thermal management system

APPLICATIONS



Off-grid Systems
Microgrid Systems



Commercial &
Industrial Peak Shaving



Critical
Backup Power



Grid
Support Services

TECHNICAL SPECIFICATIONS — JAGALAXY

MODEL	JAG-ES-1000kW-2150kWh-B01	JAG-HS-1000kW-1200kWp-2150kWh-B01
AC data		
Rated power (kW)	1000	
Rated voltage (V)	400	
Rated current (A)	1445	
Voltage range (V)	320~460V	
Rated frequency (Hz)	50/60	
Power factor	1.0 leading ~ 1.0 lagging	
Overload capacity	110% long term, 120% 1min	
Isolation transformer	315/400	
AC system	3W+N+PE	
On/off-grid switching	Support (20ms)	
PV Data		
Max. PV input voltage (V)	/	1,000
Max. PV power (kWp)	/	1320/1485/1650
MPPT operating voltage range (V)	/	250~1000
Battery Data		
Cell type	3.2V / 280Ah / LFP / 10P240S	
Rated energy (kWh)	2150 kWh (2016kWh)	
Max. charge and discharge rate	0.5C@25°C	
Number of battery cycles	≥6,000 (90%DOD)	
General Data		
Dimensions W *D *H (mm)	12,192 × 2,438 × 2,896	
Weight (kg)	36,000	38,000
Operating temperature (°C)	0 ~ +45 °C	
Protection Level	IP54	
Parallel quantity (Off-grid)	2	
Max. operating altitude (m)	5,000m (>3,000 derating)	
Cooling methods	Intelligent air cooling	
Fire extinguishing system	Heptafluoropropane	
EMS communication	RS485, TCP/IP	

*Specification indexes may be subject to changes without prior notice.