

JA UTILITY ENERGY STORAGE SYSTEM

BlueGalaxy 5365 / 4659



AIR-COOLED ESS

5.3MWh, 0.25C

LIQUID-COOLED ESS

4.6MWh, 0.5C

PRODUCT HIGHLIGHTS



SAFE

- Safe and long lifecycle LFP battery
- Integrated local controller, HVAC and FSS to ensure system safety



RELIABLE

- Highly integrated & efficient system
- 300+ test validations



INTEGRATED

- Ultra-high energy density
- Maximized space utilization



EASY

- Easy transportation & on-site installation
- Easy maintenance

TECHNICAL SPECIFICATIONS

SYSTEM TYPE	BLUEGALAXY5365	BLUEGALAXY4659
DC DATA		
Cell type	LFP 403Ah	LFP 350Ah
Pack type	1P416S	1P416S
System configuration	10 × 1P416S	10 × 1P416S
Battery capacity (BOL)	5365kWh	4659kWh
DC usable energy (BOL)@FAT	5099kWh	4382kWh
DC usable energy (BOL)@SAT	4946kWh	4251kWh
Battery voltage range	1081.6 - 1497.6V	1081.6 - 1497.6V
Nominal power	1236kW	2125kW
GENERAL DATA		
Dimensions (W×D×H)	6058 × 2438 × 2896mm	6058 × 2438 × 2896mm
Weight	≤42252kg	≤42252kg
IP rating	IP55	IP55
Ambient operating temperature range	-30°C ~ +55°C	-30°C ~ +55°C
Relative humidity	5% ~ 100%	5% ~ 100%
Max. working altitude	< 2000m	< 2000m
Cooling concept	Air-cooled	Liquid-cooled
Noise	≤ 75dBA	≤ 75dBA
Fire suppression system	With fire alarm system (Aerosol)	With fire alarm system (Aerosol)
Auxiliary power interface	AC480V/60Hz, 3 Phase 4 wire	AC480V/60Hz, 3 Phase 4 wire
Auxiliary system peak power requirement @45°C, PF0.8	38kVA	75kVA
Communication interfaces	Ethernet	Ethernet
Communication protocols	Modbus TCP/IP	Modbus TCP/IP
Compliance	UN38.3; UN3536; UL9540A; UL1973; IEC62619	

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