



FLOOR-STAND
AIO ESS

IP65



Outdoor-Rated IP65 Design

Designed for outdoor installation with reliable protection against dust and water.

All-in-One Energy Solution

Integrated inverter, battery and energy management system in one compact unit.

15kWh High-Capacity Storage

15kWh battery capacity provides long-lasting backup power for homes and businesses.

Powerful 6kW Output Capability

6kW output power supports multiple appliances and essential loads simultaneously.

Smart Solar Energy Management

High-efficiency MPPT solar charging with intelligent energy optimization.

Reliable Backup & Smart Monitoring

Fast UPS switching with LCD display and WiFi remote monitoring.

Parameter	JSAF615 6KW+15KWH
PV Input	
Max. PV Input Power (kW)	9kW
Max. PV Open Circuit Voltage (V)	550V
MPPT Voltage Range (VDC)	80~500V
Full Power MPPT Voltage Range (VDC)	250~500V
Start-up Voltage (VDC)	90V
Max. Input Current per MPPT (A)	19A/19A
Max. Short-circuit Current (A)	25A/25A
MPPT Tracker / Strings	2
Nominal Input Voltage (V)	360V
AC Output (On-Grid)	
Nominal Output Power to Grid (kW)	6kW
Max. Apparent Power to / from Grid (kVA)	6kVA / 6kVA
Max. Output Current to / from Grid (A)	26.1A / 26.1A
Nominal Voltage / Frequency	230V (176~280V), 50/60Hz, L+N+PE
Adjustable Power Factor	0.8leading~0.8lagging
THDI	<2%
AC Output (Backup)	
Nominal Output Power (kW)	6kW
Max. Apparent Power (kVA)	6kVA
Nominal Output Current (A)	26.1A
Max. Output Current (A)	26.1A
Nominal Voltage / Frequency	230V (176~238V), 50/60Hz, L+N+PE
Automatic Switch Time (ms)	<20
THDU	<2%
Overload Capacity	110% 10s / 130% 5s / 150% 50ms
Efficiency	
Max. Efficiency	96.65%
Europe Efficiency	97.50%
MPPT Efficiency	99.00%
Battery Charge/Discharge Efficiency	94.60%
Battery	
Nominal Battery Voltage	51.2VDC
Rated Energy	15kWh (0.5C, 25°C), 90%DOD
Operation Voltage Range	40.0Vdc ~ 58.4Vdc
Interface	
Display	LCD
Communication	RS485 / RS232
Monitoring	WiFi
General Data	
Ingress Protection	IP65
Operating Temperature	-10°C ~ +50°C
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15°C ~ +60°C
Max. Operating Altitude	4000m (Derating above 1000m)
Product Size (L*W*H)	600*245*1300mm
Package Size (L*W*H)	1370*700*420mm
Net Weight (NW)	174kg
Gross Weight (GW)	198kg

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