



FLOOR-STAND AIO ESS



► All-in-One Energy Solution

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

► 16kWh Large Energy Capacity

High-capacity storage for extended home backup power.

► 6kW Powerful Output

Supports multiple household appliances with stable power supply.

► Flexible & Easy Installation

Compact design with movable wheels for convenient placement.

► Solar Energy Ready

High-efficiency MPPT solar charging for renewable energy utilization.

► Smart Monitoring & Safety Protection

LCD display, WiFi monitoring and multiple protection functions.

JEEVA

Parameter	JSAF616P 6KW + 16KWH
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240V; L + N + PE
Voltage Range (VAC)	90~280±3V (Normal Mode); 170~280±3V (UPS Mode)
Frequency (Hz)	50 / 60Hz (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6kW
Surge Power (kVA)	12kVA
Voltage (VAC)	208 / 220 / 230 / 240V
Power Factor (PF)	1
Frequency	50/60Hz ±0.1%
Switch Time (ms)	10ms
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110%; 10s@110%~130%; 3s@130%~150%; 0.2s@>150%
Max. Efficiency (Battery Mode)	93%@48VDC
Solar Charger (PV / AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	27A / 9000W
Operating Voltage Range (VDC)	80~450VDC
Max. PV Open Circuit Voltage (VDC)	500VDC
Max. PV Charge Current (A)	120A
Max. AC Charge Current (A)	120A
Max. Charge Current (PV + AC) (A)	120A
Battery	
Nominal Battery Voltage	51.2VDC
Rated Energy	16kWh (0.5C, 25°C)
Usable Energy (90%DOD)	14.4kWh
Max. Charge / Discharge Current	150A / 150A
Operation Voltage Range	40.0VDC ~ 58.4VDC
Operation Temperature	-10°C ~ +50°C
Interface	
Display	LCD
Communication	USB
Monitoring	WiFi
General Data	
Ingress Protection	IP20
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)	430 * 481 * 736mm
Package Size (L*W*H)	540 * 510 * 895mm
Net Weight (NW)	136kg
Gross Weight (GW)	159kg

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