JAKSON BESS

SET IT.
FORGET IT.

Install Once. Relax Forever.



Zero Fuel
No Refills. No Hassle.

Silent Operation
No Noise. Just Peace.

Zero Maintenance
No Servicing. No Breakdown.

Uninterrupted Power
Always On. Always Reliable.

JAKSON BESS









All the above images are for representation purpose only

JAKSON BESS

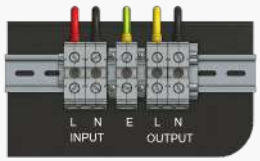


Easy as 1-2-3

1 **Unpack**



2 **Plug In**



3 **Power On**



JAKSON BESS

How Much Can Your BESS Power?

Appliances	3 kVA	5 kVA	10 kVA	15 kVA
Air Conditioner	1	2	3-4	5-6
LED TV with wifi	1	1	1	1
Refrigerator	1	1	1	1 (Double Door)
Fans	2-3	2-3	Full Lighting	Full Lighting
Geyser	-	-	1	1
Washing Machine	-	1	1	1

Actual performance depends on battery capacity (kWh), appliance efficiency, and usage.



Online Mode (UPS)

High efficiency performance up to 94%

Zero Flicker for Critical Loads:

- Healthcare
- Data Centers
- IT/ITeS
- BFSI

Eco Mode (Inverter)

High efficiency performance up to 99%

2ms Switching Time for Routine Loads:

- Residential
- Dark Stores
- Retail Spaces
- Non-IT Sector



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Specifications	3kVA	5kVA	10kVA	15kVA
Input Parameters:				
Input Phase Configuration	1-Phase			3-Phase
Nominal Voltage	230V AC			400V AC
Voltage range	110V ~ 280V AC			175V ~ 270V AC (per phase)
Nominal frequency	50/60 Hz			
Frequency range	±10%			
Output Parameters (Battery mode):				
Output Phase Configuration	1-Phase			3-Phase
Nominal Voltage	230V AC			400V AC
Voltage regulation	±1%			
Nominal frequency	50/60 Hz			
Frequency range	±0.1%			
Efficiency	94%			95%
Switching time	zero			6~10 msec
Special Features:				
LCD Display for monitoring: Input: voltage/frequency/current, Output: voltage/frequency/current/load (kVA/kW), Battery: voltage/current	Yes			
Protection/Alarm: Short circuit, Output Overload, Over temperature, Input voltage Over/under, DC bus high/low, Battery low, Output voltage over/under	Yes			
Environmental:				
IP rating	IP20			
Operating altitude	0 ~ 1500M (Derating above 1500M; 1% per 100M)			
Operating Temperature & Humidity	0 ~ 50 deg C & 0 ~ 95% RH Non-condensing (Derating above 50 deg C; 1% per Deg C)			
Communication:				
Communication Interface: RS232/USB/EPO (standard) SNMP/ Modbus/Wifi/IoT (Optional)	Yes			
Battery Specification				
Battery voltage	48V DC			
Maximum Discharging/charging current	100 Amps		200 Amps	300 Amps
Recommended charging current	50 Amps		100 Amps	150 Amps
Operating temperature	-20 to 60 deg C			
Battery capacity (kWh)	4.8/9.6 kWh		9.6/19.2 kWh	14.4/28.8 kWh

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