

## SERVER ROOM POWER BACKUP SYSTEM SPECIFICATIONS

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### HYBRID INVERTER SPEC (BRAND: DEYE)

- Product Model: Deye SUN-5K-SG01LP1-EU
- Rated Power: 5000W
- Peak Power (Off-Grid): 6500W for 10 seconds
- MPPTs: 2
- Efficiency: 97.6% maximum
- Operating Temperature: -25°C to 60°C, with derating above 45°C
- Cooling: Fan
- Noise: Less than 30dB
- Communication: RS485, CAN
- Protection Degree: IP65 (dust and water-resistant)
- Installation: Wall-mounted
- Warranty: 5 years
- Parallel Operation: Up to 16 inverters
- Battery Compatibility: Lithium-ion and lead-acid
- Zero Export Function: Yes
- On-grid/Off-grid Modes: Yes

### LITHIUM-ION BATTERY SPEC (BRAND: GREEN DEER)

- Product Model: Green Deer 5.12Kwh
- Energy: 5.12Kwh.
- Voltage: 51.2V.
- Capacity: 100Ah.
- Cell Type: LFP.
- Standard Charge Voltage: 58.4V.
- Max Charge Current: 100A.
- Discharge Cut-Off Voltage: 40V.
- Max Discharge Current: 100A.
- Parallel Function: Support 15 Units in Parallel.
- Communication Interface: RS485, RS232, CAN (Optional).

### SOLAR PANELS SPEC (BRAND: JINKO)

- 560W Mono Half Cell
- Roof Mounted
- 8 Panels