



FOX HUB G2

SMART ENERGY MANAGEMENT SYSTEM

As a smart energy management system, Fox Hub completes the most critical piece of the puzzle in Fox ESS residential energy storage system. By integrating several intelligent features, Fox Hub centralizes power from multiple sources and performs energy redistribution via FoxCloud US App to provide a more comprehensive power solution. It reassures energy flow safety under different circumstances, and relieves homeowners from power loss concern.

- Automatic Off-Grid Protection
- Seamless On/Off Grid Transition
- Smart Load Shedding Circuit
- Inverter Scalability
- Generator Compatibility



DATASHEET

FOX HUB G2

| MODULE | Fox Hub G2 |
|--|---|
| GENERAL ELECTRICAL | |
| AC Current (Nominal) [A] | 200 |
| AC Input Voltage (Nominal) [Vac] | 240 |
| AC Output Voltage (Nominal) [Vac] | 120/240 |
| Rated AC Power [KW] | 48 |
| AC Voltage Range [Vac] | 211-264 |
| AC Frequency (Nominal) [Hz] | 60 |
| AC Frequency Range [Hz] | 57-63 |
| Microgrid Interconnection Device Rated Current [A] | 200 |
| Grid Disconnection Switchover Time [ms] | <15 |
| EXTERNAL CONNECTION | |
| 3rd Party Solar [A] | 80 |
| FOX Inverter [A] | 80 |
| Smart Circuits 1, 2 (120V) [A] | 80 |
| Smart Circuit 3 (240V) [A] | 80 |
| Non-Backup Load [A] | 200 |
| Backup Load Terminal [A] | 200 |
| GENERATOR (Optional) | |
| Maximum Rated AC Power [KW] | 48 |
| AC Voltage Range [Vac] | 211-264 |
| Maximum Continuous Input Current [Adc] | 200 |
| Dry Contact Switch Voltage Rating [Vac/Vdc] | 250/30 |
| Dry Contact Switch Current Rating [A] | 0.5A(250Vac) / 3A(30Vdc) |
| 2-wire Start Switch | Yes |
| ADDITIONAL FEATURES | |
| Maximum Number of Inverter | 4 |
| Communication | CAN, RS485 |
| Energy Meter (for Import/Export) | 0.5% accuracy |
| STANDARD COMPLIANCE | |
| Safety | UL67,UL869A,UL916,UL1741,CSA22.2 NO.107 |
| Emissions | FCC part 15 class B |
| INSTALLATION SPECIFICATIONS | |
| Dimensions (W*H*D)[inch / mm] | 17.4*25.6*6.2 inch / 443*650*156.6 mm |
| Weight [lb / Kg] | 35.3lbs / 16Kg |
| Supported Inverters | FOX US Series, AIO US Series |
| Grid Conduit Size / AWG Range | 2.5"Conduits / 6AWG - 250kcmil |
| Generator Input Conduit Size / AWG Range | 2.5"Conduits / 6AWG - 250kcmil |
| Communication Conduit Size / AWG Range | 1"Conduits / 24AWG - 16AWG |
| Cooling | Natural convection |
| Noise [dBA] | <35dB |
| Operating Temperature Range [°F / °C] | -4°F~+122°F (-20 °C ~ +50 °C) |
| Protection Rating | Type 3R |
| Warranty [Years] | 12.5 |