



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 multiple 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 relieve homeowners from power loss concern.

- Automatic Off-Grid Protection
- Seamless On/Off Grid Transition
- Smart Load Shedding Circuit
- Inverter Scalability
- Generafor 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 [A _{dc}]	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 (HxWxD) [in / mm]	25.6 in x 17.4 in x 6.2 in / 650 mm x 443mm x 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]	-13°F~+122°F (-25 °C ~ +50 °C)
Protection Rating	Type 3R
Warranty [Years]	12.5