

FOX HUB G2

HIGH VOLTAGE STORAGE BATTERY

As a smart energy management system, FOX Hub G2 completes the most critical piece of the puzzle in Fox ESS residential energy storage system. By integrating several intelligent features, FOX Hub G2 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
- Inverter Scalability
- Smart Load Shedding Circuit
- Generator Compatibility

TECHNICAL SPECIFICATIONS

MODEL	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
Short-Circuit Breaking Capacity [kA]	22
Grid Disconnection Switchover Time [ms]	<20
EXTERNAL CONNECTION	
Solar terminal [A]	80
FOX Inverter [A]	80
Smart Circuits 1 (240V) [A]	80
Smart Circuit 2, 3 (120V) [A]	80
Non-Backup Load [A]	200
Backup Load Terminal [A]	200
Busbar Rating [A]	280
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]	0.5(250Vac) / 3(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 (H*W*D) [inch/mm]	26.2*17.4*6.2 / 665*443*156.6
Weight [lbs/kg]	37.4 / 17
Supported Inverters	FOX 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 [dB]	<35
Operating Temperature Range [°F/°C]	-4 ~ +122 / -20 ~ +50
Protection Rating	Type 3R
Warranty [year]	12.5