



# FOX HUB

SMART ENERGY MANAGEMENT SYSTEM



- Automatic Off-Grid Protection
- Seamless On/Off Grid Transition
- Generator Compatibility



As a smart energy management system, Fox Hub completes the most critical piece of the puzzle in Fox ESS residential energy storage system. It reassures energy flow safety under different circumstances, and relieves homeowners from power loss concern.



For more information about the Fox ESS range, visit  
[us.fox-ess.com](http://us.fox-ess.com)

# TECHNICAL SPECIFICATIONS

MODEL	FOX HUB
<b>GENERAL ELECTRICAL</b>	
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]	<100
<b>GENERATOR (Optional)</b>	
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
<b>ADDITIONAL FEATURES</b>	
Communication	CAN, RS485
Energy Meter (for Import/Export) [%]	0.5 accuracy
<b>STANDARD COMPLIANCE</b>	
Safety	UL67, UL869A, UL916, UL1741, CSA22.2 NO.107
Emissions	FCC part 15 class B
<b>INSTALLATION SPECIFICATIONS</b>	
Dimensions (H*W*D) [inch/mm]	17.8*18.3*5.7 / 354*564*145.5
Weight [lbs/kg]	26.5 / 12
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]	-13 ~ +122 / -25 ~ +50
Protection Rating	Type 3R
Warranty [year]	12.5