

FREEDOM eGEN HUB



HEART OF THE FREEDOM eGEN SYSTEM

The FREEDOM eGEN Hub is an interface box used to connect multiple devices including multi parallel stacked lithium house batteries, boost button, inverter charger, on/off button display, eGEN display, alternator/chassis battery, engine run signal, in a FREEDOM eGen system. Its primary purpose is to simplify harnesses in larger complex installations.



Overcurrent and incorrect connection protection across all ports



Compact form factor mounts easily to wall or batteries



Expandable to an additional 4 batteries



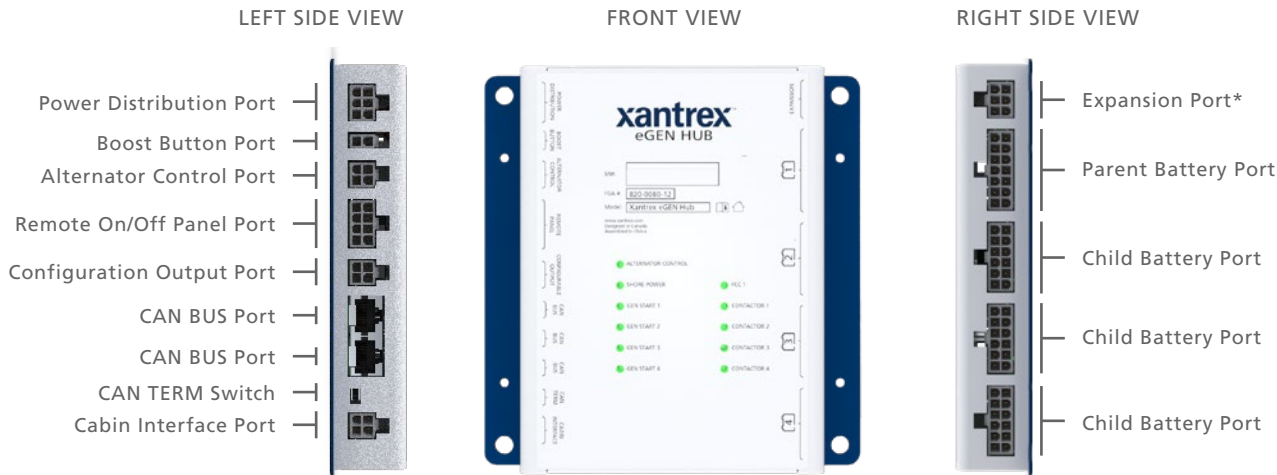
2 CAN ports for easy daisy chaining and switchable termination

APPLICATIONS:



**2 YEAR
WARRANTY**

www.xantrex.com
CUSTOMER CARE: 1.800.670.0707



*for connecting to another FREEDOM eGEN Hub

PRODUCT FEATURES

- Overcurrent and incorrect connection protection across all ports
- LED indicators for system status
- Compact form factor mounts easily to wall or batteries
- Expandable to an additional 4 batteries
- 2 CAN ports for easy daisy chaining and switchable termination
- Simply connect premade harnesses to all eGEN devices (sold seperately)

SUPPORTED DEVICES



FREEDOM XC Pro
(818-2010, 818-3010)



FREEDOM SW
(817-1000, 817-2000,
817-2000-21, 817-3000)



XANTREX LITHIUM-ION
BATTERIES
(884-0310-12, 884-0310-12 -01,
884-0410-12, 884-0410-12-01)

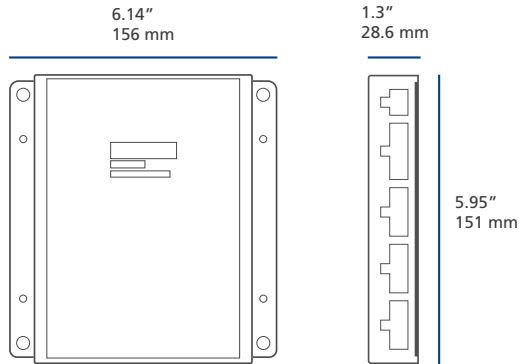


XANTREX GATEWAY
(808-1888)



XANTREX ALTERNATORS
Contact Sales

FREEDOM eGEN HUB DIMENSIONS



ACCESSORIES (SOLD SEPARATELY)

Mfg Part #	Description
881-0269-01	4' eGEN Hub Harness, Parent Battery
881-0269-02	4' eGEN Hub Harness, Child Battery
881-0269-03	4' eGEN Hub Harness, Parent Battery Extension
881-0269-04	4' eGEN Hub Harness, Child Battery Extension
881-0269-08	15' eGEN Display with Harness
881-0262-12-06	15' eGEN Hub Harness, Remote On/Off Panel, 2 Position
881-0262-12-04	15' eGEN Hub Harness, Remote On/Off Panel, 4 Position
881-0269-05	15' eGEN Hub Harness, Power Distribution
881-0269-06	15' eGEN Hub Harness, Alternator Control Config Port
881-0269-07	1' eGEN Hub Harness, Expansion Port

ENVIRONMENTAL SPECIFICATIONS

FREEDOM eGEN Hub	
Operating Temperature	25°C
Full Power Operating Ambient Temperature Range	-40–70°C
Maximum Operating Temperature	70°C
Storage Temperature Range	-40–70°C
Operation Humidity Limit	< 95% RH, non-condensing
Storage Humidity Limit	< 95% RH, non-condensing
Operating Altitude Limit	< 1.24 mi (2 km)

PHYSICAL SPECIFICATIONS

FREEDOM eGEN Hub	
Materials	Powder-coated metal
IP Rating / Mounting Location	IP20, Indoor use only
Part Number	820-0080-12
Dimensions (L x W x D)	6.14 x 5.95 x 1.3" (156 x 151 x 28.6 mm)
Weight	1.2 lb (0.55 kg)

REGULATORY APPROVALS

FREEDOM eGEN Hub	
Environmental	RoHS

CONTACT

CUSTOMER SERVICE

1.800.670.0707
 customerservice@xantrex.com
 Hours of operation:
 6:30am - 4:30pm PT, Monday to Friday



facebook.com/Xantrex



@Xantrex



youtube.com/XantrexTechnology

LEARN MORE ON:

www.xantrex.com