



# Home integration system ford

With Ford Home Backup Power, enabled by the available Ford Charge Station Pro and Home Integration System, your F-150 Lightning can automatically kick in to power your house if your power goes out. Once power is restored, the truck automatically reverts to charging its battery. Based on an average of 30 kilowatt-hours (kWh) of use per day, a fully charged F-150 ...

When paired with the Ford Charge Station Pro, the Home Integration System will allow energy to flow from your Ford F-150 Lightning to your home. This enables your truck to power your home in the event of an outage. This system does not include the Ford EV-Charger. The Home Integration System will arrive in 3 packages. Bidirectional Inverter (4 ...

I noticed today that there was a change to the specs being reported on the AEE Express web page for the Ford H.I.S. that indicates Ford/Delta/Sunrun/AEE are switching from the E10\_BDI model to the E4\_BDI part number for the inverter component of the H.I.S. (Source below.) Check out the Downloads section on the AEE page and look at the differences in the ...

I have included a rudimentary diagram showing the parts of the system and how power flows through the system in both modes - charging the F150 (Grid On) and discharging to home AC load (Grid Off). My diagram is a work in progress. it is based on the wiring diagrams in the Ford Home Integration System Installation and Wiring document.

Next, you'll need the Home Integration System, exclusively sold through Sunrun, which allows a two-way flow of electrons and enables the F-150 Lightning to provide up to 9.6kW of backup power to your home when there's a power outage. The system may not completely power some larger homes or homes with higher power needs.

Did you purchase the home integration kit yet? It's about \$4000 from Sunrun. The DC wires you reference are 8 Ga but carry 400V DC, so really only 25-30 amps at max load of 9.6 kW. This is wired to your bi-directional inverter, which then converts this to 240VAC to back-feed into your panel.

The Home Integration System requires Ford's Charge Station Pro to work. It also needs a bi-directional home charging station to help the 80 amp Station Pro to transfer electricity. Owners with the F-150 Lightning Extended Range battery pack will have no issues, but the base trim owners will have to shell out an additional \$1,310 for the Charge ...

Simplifying home installation. To benefit from Ford Intelligent Backup Power and future energy management solutions, customers need to equip their home with the Ford Charge Station Pro and Home Integration System, which is composed of a power inverter plus a dark start battery and transfer switch, enabling the two-way



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power flow.

3. I don't know if this system is really able to be integrated into an existing back-up power system. You'd have to reach out to Delta probably, who manufactures the BDI, but if you already have a generator/ATS then you wouldn't really need the WHB device, but again not sure how that integration looks. 4.

I am about to embark on a project to finally dive into the Ford Home Integration System (HIS) and really see how it does, and what the potential is. I am aware of all the struggles some (all) people are having, but am willing to take that risk. As I have researched a lot of systems (sol-Ark, EG4, Delta Pro Ultra, EP Cube, Enphase, etc.) the ...

You could try to order the Home Integration system directly from AEE Express as I did but not sure theres any benefit from doing that if shipping date is Nov. 1st and I got a confirmation email from Sunrun saying that is an accurate expect ship date and the rep said they didn't see any available global inventory at this time.

The Home Integration System is a required component for Ford Home Backup Power. When paired with the Ford Charge Station Pro, the Home Integration System will allow energy to flow from your Ford F-150 Lightning to your home.

Enjoy expert installation customized for your home by Ford's Preferred Installer, Sunrun. Step 1. Purchase your F-150 Lightning(TM) ... When paired together with the Home Integration System hardware and installation, the base price ranges ...

It looks like installation of the Ford Charge Station Pro and Home Integration System is a minimum of \$9,200. That's \$1,500 to install the Ford Charge Station Pro that comes with the truck and \$7,700 for parts and installation of the HIS.

It's been a journey on getting a solar system installed and getting the Home Integration System set up without SunRun being the installer. It has NOT been easy. It has not been clearly messaged to others. Ford has some opportunities here and I am sure I am not alone in the journey (@Wombat and @tommolog I know are also going through this journey).

Web: <https://www.wholesalesolar.co.za>