



Energy storage cabinet installation and wiring

Do Encharge storage systems provide backup power?

Encharge storage systems are capable of providing backup power when an Enphase Enpower™ smart switch is installed at the site. For installing Encharge with 3rd party PV inverter please refer to the planning guide document on Enphase Energy Storage System for third party PV inverters online on Enphase website.

What is an Encharge storage system?

The Encharge storage system senses when it is optimal to charge or discharge the battery so that energy is stored when it is abundant and used when scarce. Encharge storage systems are capable of providing backup power when an Enphase Enpower™ smart switch is installed at the site.

Can Enpower connect a PV combiner to a main load panel?

Circuit connection space in Enpower is left vacant. When existing PV combiner circuits are connected to the main load panel, and you want to add battery storage to the system, you can keep the PV combiner connected to the main load panel and connect only the battery storage system to Enpower. Partial home backup with main load panel as service

How to install Encharge with 3rd party PV inverter?

For installing Encharge with 3rd party PV inverter please refer to the planning guide document on Enphase Energy Storage System for third party PV inverters online on Enphase website. Whole home backup with Enpower as service entrance and PV combiner connected to Enpower.

How do I use ESS battery life?

Connect to AC when available, keep batteries charged: Use ESS Assistant and select the "Keep batteries charged" mode. Not available in the ESS System yet, but it will be implemented. The ESS Battery Life feature will make sure that the batteries are not unnecessarily cycled around a low SoC.

What type of inverter/charger does the energy storage system use?

The Energy Storage System uses a MultiPlus or Quattro bidirectional inverter/charger as its main component. Note that ESS can only be installed on VE.Bus model Multis and Quattros which feature the 2nd generation microprocessor (26 or 27). All new VE.Bus Inverter/Chargers currently shipping have 2nd generation chips.

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