



SolarEdge Energy Hub Inverter with Battery Backup **Battery Settings using the MySolarEdge App**

Note: PV Squared, the installer, or SolarEdge tech support are the only ones who can change the battery storage setting between Backup only and Maximize self-consumption. When the setting is maximized, self consumption SolarEdge does NOT grant access to battery backup reserve settings to installers, these can only be adjusted by the System Owner and by SolarEdge tech support. Understanding how your system operates and how to change your settings is an important aspect of battery system ownership.

Understanding the difference between Backup Only and Maximize self-consumption:

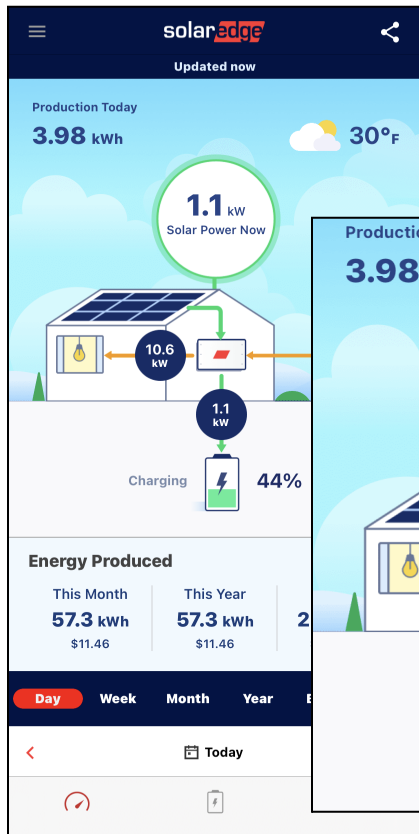
- Backup only: means that the battery will only discharge when the system is disconnected from the utility company. It will stay fully charged until called for to power your loads when the system detects a utility grid outage.
- Maximize self-consumption: The battery will discharge everyday to power your loads down to the percent level you, the homeowner, set as the “Backup Reserve” level.
- Why you may want to choose one storage setting over another:
 - If your solar PV System is net metered and the DC kw rating is the same or less than the AC kw rating on the inverter there is no economic reason to enable Maximize self-consumption.
 - If your primary goal for the battery installation was to have power when the grid is down, keeping the system in Backup only is the setting most appropriate for your goals.
 - If your PV System is NOT net metered it is financially advantageous to have us set the profile to Maximize self-consumption so that power from the solar array charges the battery during the peak of the day and then the battery discharges the power to your house at night there by increasing the amount of PV produced kWhs going to your house as opposed to the grid.
 - If the system’s DC kw rating is higher than than the inverters AC rating (ie an inverter noted as a 7600 but has more than 7600 solar modules added watts are greater than 7600 watts) It may be advantageous to enable Maximize self-consumption as this will allow you to choose a setting that charges the batteries from the additional wattage which would otherwise be unused.

Getting Access:

You can access the SolarEdge monitoring platform online here:

<https://monitoring.solaredge.com/> or through the [MySolarEdge](#) mobile app, but battery control is only allowed through the mobile app.

Basic Navigation:



At the bottom of the page, you will be able to navigate between the Dashboard, Battery, and Layout views.

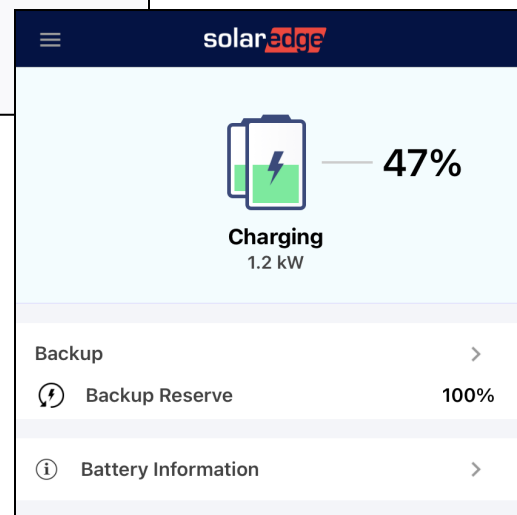


The first graphic will show system status including battery charge/discharge, solar production, and grid import/export.

Please note - the data may or may not represent “real time” information depending on connectivity and other site conditions.

Scrolling down on the Dashboard page will show additional system data.

Selecting the Battery icon at the bottom, will bring you to a detailed view of the battery. From here you can see the charge level, current status (Charging or Discharging), access additional information, and adjust your battery settings. Again, data may not be “real time” depending on connectivity.

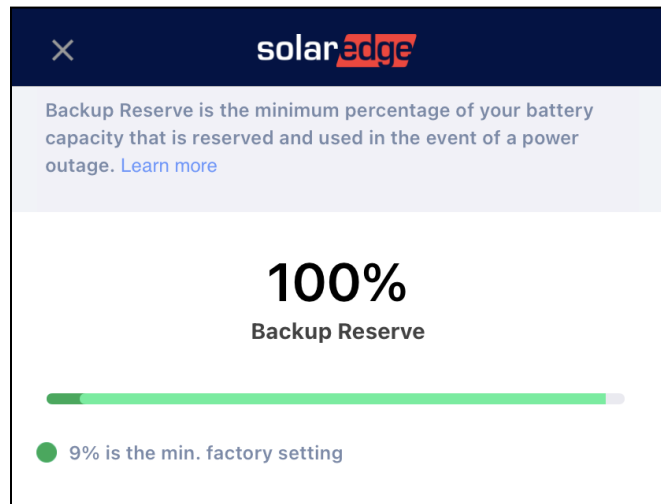


Understanding Battery Settings

Backup Reserve = minimum charge level your battery will maintain for grid outages (can only be adjusted below 100% in Maximize self-consumption)

- 100% reserve means that your battery will only discharge energy when a grid outage is detected. If a large storm is expected, you may want to up your battery reserve to ensure you have enough energy stored to get you through a potential outage.
- To adjust your Backup Reserve level, just click on the icon on your MySolarEdge App and then drag the slider to your desired reserve level.
- For a demo, please refer to this SolarEdge training video:

<https://www.youtube.com/watch?v=2eYJhUjN7Ck>



Please note - your incentive programs may have requirements about battery reserve levels