

# EnergyTrak 1.7.1.0 Release Notes

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***EnergyTrak 1.7.1.0 is now live!***

## VERSION INFORMATION

<u>Gateway Software:</u>	1.7.0.0
<u>Android Mobile App:</u>	1.7.1
<u>iOS Mobile App:</u>	1.7.1
<u>SimpliPHI 6kW Inverter:</u>	3.33/24.14
<u>SimpliPHI 4.9 Battery:</u>	1.0.0.7
<u>AmpliPHI 3.8 Battery:</u>	6.0.0.7

## NEW FEATURES

### **Update SimpliPHI 6kW Inverter Firmware**

The firmware for the SimpliPHI 6kW Inverter has been updated to the newest production version.

## KNOWN BUGS AND ISSUES

### **Lacking Bluetooth Support – Android 13 Devices**

There is a bug within Android 13 (the newest version of the Android operating system which runs on Android mobile devices) which disrupts the Android 13 device's ability to connect to the EnergyTrak Gateway over Bluetooth during commissioning. This is a critical issue which does not allow the user to proceed through commissioning.

**As a workaround**, the user will need to use either an iPhone, iPad, or any Android device that's not running Android 13. We are actively working to fix this critical bug as a top priority.

### **Adding or Swapping Equipment**

In the event an additional inverter or communicating battery (SimpliPHI 4.9 or AmpliPHI 3.8 Battery) is added to an installation which has already been commissioned with EnergyTrak, or if an existing inverter or communicating battery are replaced with a new unit, the site must first be deleted from EnergyTrak (must be completed by contacting Briggs & Stratton Technical Support), and the system must then be commissioned again to a new site. Contact information for B&S Technical Support can be found in the EnergyTrak app.

## Incorrect Warning Code in Email Notifications

When EnergyTrak generates an email notification to a user for a detected warning on the SimpliPHI 6kW Inverter, the listed warning code is an alphabetical value that does not correspond to the numerical value displayed on the front panel of the inverter. The below table maps these alphabetical codes to the appropriate numerical panel warning code. Once this issue is fixed, the warning code in the email notification will represent the panel warning code.

Panel Code	Warning Name	Email Code
01	Grid Voltage High	J
02	Grid Voltage Low	K
02	Grid Input Loss	O
03	Grid Frequency High	L
04	Grid Frequency Low	M
04	Grid Frequency Loss	P
05	Sustained Grid Over Voltage	N
07	Island Detection	Q
08	Grid Input Waveform Not Acceptable	V
09	Grid Input Out of Phase	R
10	Rapid Shutdown Engaged	X
11	Inverter Overload	T
12	Inverter Over Temp	S
13	Battery Voltage Low	F
14	Battery Below Operating Voltage	E
15	Battery Disconnected	G
16	Battery Voltage Low	I
17	MPPT 1 Over Voltage	C
17	MPPT 2 Over Voltage	D
17	MPPT 1 Loss	A
17	MPPT 2 Loss	B

## **Gateway Power Supply in Zero-Battery Installations**

When installing a system without batteries (using the Grid-Tied Solar operating profile), the installer will need to provide an alternate power source to the gateway, as the inverter will not supply power from the battery port connection (as intended in an installation with batteries). An example is to provide an AC-DC power supply from the main electrical panel to the gateway power supply (requires 18-75 VDC input), but the installer should adapt their installation based on the situation and application. In the future, the EnergyTrak Install and User Manual will be updated to illustrate how the gateway should be installed in this scenario.

## **No Support for Single-Battery Installations**

Briggs & Stratton does not officially support installations with only a single (1) SimpliPHI 4.9 Battery or single (1) AmpliPHI 3.8 Battery. If battery storage is required for a specific application and either of these battery models are being used, a minimum of two batteries must be installed. Failing to adhere to this requirement can result in critical, unwarrantable failures of the SimpliPhi 6kW Inverter, SimpliPhi 4.9 Battery, AmpliPhi 3.8 Battery, and/or the EnergyTrak Gateway. This is primarily due to the fact the batteries disable load support while undergoing a firmware update, combined with the critical need of the battery to supply power to the EnergyTrak Gateway during battery firmware updating.