

SoftStartUp[™] **MOBILE APP**

for Android and iPhone

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Introduction

The SoftStartUp mobile application by SoftStartUSA enables users to monitor power usage and supply characteristics that are important to the performance of the RV electrical system.

The app is enabled with Bluetooth® connectivity to the SoftStartUp device. Users can download and install the application from either Google Play or Apple Store depending on the type of phone and operating system used.

Once downloaded, follow the steps in this guide to set up the app and to monitor the SoftStartUp's functions without having to be immediately near the device. You will be able to add one or more SoftStartUp devices to the app depending on how many devices you may have.

Downloading

The new SoftStartUp mobile application is available for downloading from the most popular app stores for Android and iOS devices. When searching for it, it can be identified with the image logo shown here.

Once the application is downloaded to the phone, this icon will appear on the screen or list of available applications that are on your Android or iOS device.



Starting the Application

Once the app is installed, press the SoftStartUp icon. The app will open and show the Home screen (shown at right).

Energy Readings

When first opened, the app will not show values for current Energy Readings until the SoftStartUp device has been added to the app. It will say “No Device” at the top of the screen.

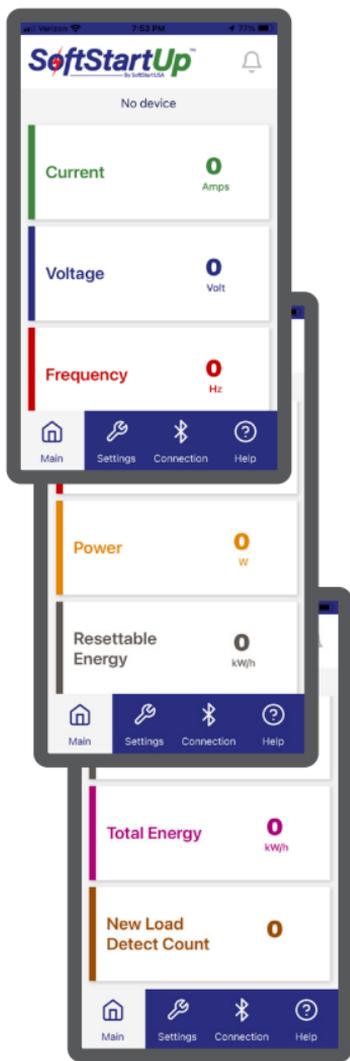
To see all SoftStartUp Energy Readings, scroll down to the end of the Home screen.

Current, Voltage, Frequency and Power values display the “real time” amount of energy being used at the time you are viewing the app.

Resettable Energy shows the total amount of energy used from the time this value was last reset to “0”. How to reset this level is explained elsewhere in this guide.

Total Energy shows the amount of energy in kilowatt-hours that has been used through the SoftStartUp module. This value cannot be reset and will continue to track usage throughout the life of the device.

New Load Detect Count keeps track of how many times the air conditioning turns on. It will reset to 0 when the unit is unplugged or loses power from a generator or power pedestal.



Adding a Device

Press the Connectivity icon at the bottom of the screen, then press “Add Device”.

A pop-up window will appear that shows available Bluetooth® devices. Select your SoftStartUp device from the list.

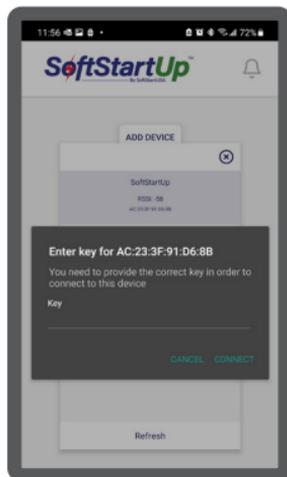
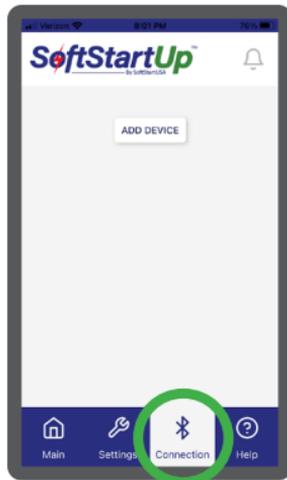
After selecting your device, you will be prompted to enter in the Key code for that device to complete the connection.

Locate the Device MAC address and the Key code on the back of the SoftStartUp module (see image below).



Enter the Key code, then press “Done” to connect.

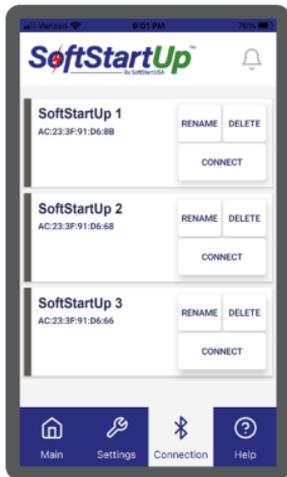
You can use a QR Reader on your mobile device to read the Key code, then Copy and Paste the Key code into the app.



Adding a Device (continued)

Once a device has been added to the app, you can rename the device. To change a device name, press Rename and a pop-up window will allow you to give the device a name.

If you have several devices, you can monitor each one at a time to view its information. Use this screen and hit the Connect button of the device that you want to monitor.

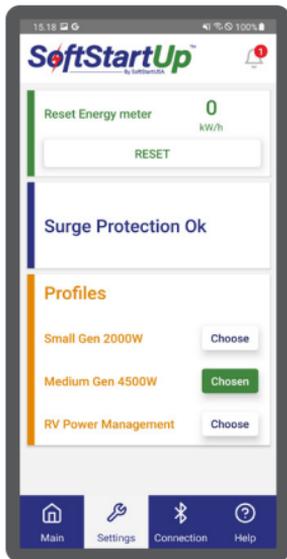


Setting the Power Profile

Choose one of the Profiles options to make starting your A/C easier. These profiles also work with a solar power system or battery-powered inverter.

The **RV Power Management** profile is intended for RVs that are already equipped with additional monitoring systems. Using this profile will avoid the “brown out” message that can occur on RVs with such equipment.

If one of these configurations does not work with your power supply, please contact Technical Support for additional customization.

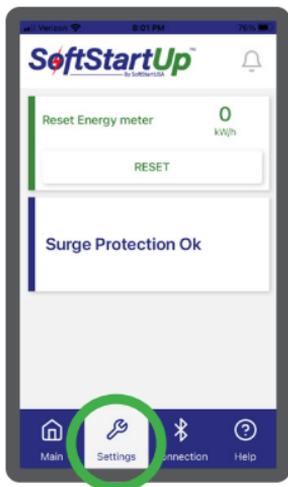


Resettable Energy Meter

To determine how much energy your RV consumes at one location, SoftStartUp includes a Resettable Energy Meter.

Press the Settings button to open this screen. The kilowatt-hours shown here is the total energy used by the RV through the SoftStartUp device since it was last reset to 0.

To determine how much energy is used at a specific location, reset the value to 0 when first connecting the RV to the SoftStartUp, and make a note of this meter reading at the end of the stay.



Surge Protection Status

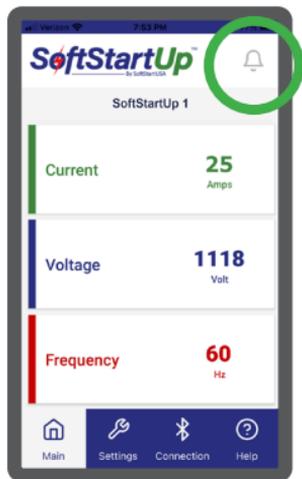
To assure that SoftStartUp surge protection is active, this screen will read “Surge Protection OK”. In the unlikely event that the surge protection circuitry becomes inactive, the status will read “Not OK”.

Review and Clear Alarms

When the SoftStartUp device encounters a potentially harmful electrical power issue it will shut power down, and then try to restart up to three times depending on the type of fault that has occurred.

If it is unable to clear the issue, an alarm bell icon will count the number of new alarm types. The alarm bell is visible on all screens of the app. Once the alarm bell is pressed, it will open up the alarm screen and show the current alarm that needs clearing.

In addition to Surge Protection, SoftStartUp detects the following conditions and will let you know if one of these occurs (see next page):

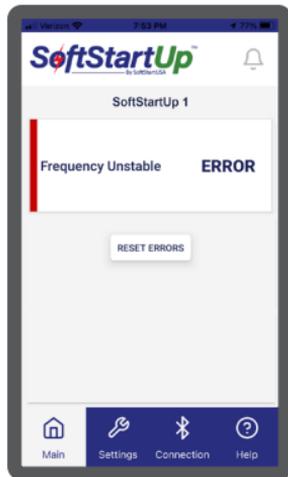


Review and Clear Alarms (continued)

Overload Protection – Because a 30-amp breaker may not trip until a much higher amperage is reached, SoftStartUp incorporates a current limiter to protect an RV from such potentially damaging variances.

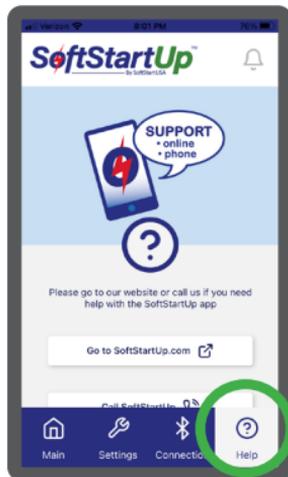
Under-Voltage Protection – If incoming voltage drops below 104 VAC, a SoftStartUp will not allow the A/C to start on such low voltage. Lower voltage means a high current demand which can overheat the cables and trip the breaker. After the protective shutdown, an Auto Restart will occur after 3 minutes.

Over-Voltage and Over-Current Protection – If an RV is running over 30 amps for a continuous time (5-10 minutes), the SoftStartUp will cut power to prevent overheating the RV's electrical system. After the protective shutdown, an Auto Restart will occur after 3 minutes.



Register for Extended Warranty

To register device for an extended warranty, press the Help button to get to this screen. Press the “Go to SoftStartup.com” button to open a separate browser where you can register the device on the SoftStartUp website. Once there, fill in the required information. If you purchased more than one SoftStartUp, each device must be registered to receive the extended warranty.

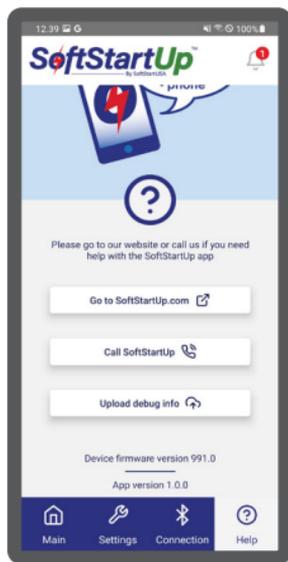


Customer Support

If you need more information or have questions, please visit our webpage to review our FAQs. Press the Help button located on the bottom menu, and this screen will appear.

Pressing “Go to SoftStartUp.com” will take you to additional information – including instructions on how to request assistance directly with our Customer Support people if you cannot find the answer on our FAQ page.

If a problem occurs with the SoftStartUp unit, the “Upload Debug Info” button will generate a report that can be sent to Tech Support. They can review your system configuration and all faults that have occurred, and recommend a corrective action.



Helpful Tips To Determine RV Power Usage with the SoftStartUp Mobile App

Current (Amps)

To determine Current draw of an appliance, shut appliance off, record Current reading, turn appliance on, wait for screen refresh and record new reading, subtract low reading from high reading.

Voltage (Volts)

To determine Voltage draw of an appliance, shut appliance off, record Voltage reading, turn appliance on, wait for screen refresh and record new reading, subtract low reading from high reading.

Resettable Energy (kW/h)

To determine total kilowatt hours used at one location, set the Resettable Energy amount to “0” upon activating the SoftStartUp unit. After the stay is complete and before unplugging the SoftStartUp, record the Resettable Energy Meter reading of energy used while connected at the same location.

Nonresettable Energy (kW/h)

This reading shows the total amount of energy that has been consumed through this SoftStartUp device.

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