SoftStartRV™
By NetworkRV

Hot, Sticky & Sweaty in Your RV?

- Run Two Air Conditioners On A 30-Amp Hookup.
- Run One Air Conditioner Using Only A Small Portable Generator.
- Run One Air Conditioner On A 20-Amp Household Hookup.
- Run An Air Conditioner Or Two Using Your Onboard Inverter System.

SoftStartRV™ enables an RV air conditioner to start and run on a small generator, when it would otherwise not have started. Plus - You Can Run 2 RV Air Conditioners On A 30-Amp - No Problem.

PROBLEMS:

Starting your RV's A/C compressor is accompanied by inrush currents up to 5-8 times higher than normal running current and starting torque up as much as 3 times greater than running torque. This often causes tripped breakers, flickering lights, stalled generators, and can stress the compressor. Trying to run 2 RV A/Cs on a 30-Amp hookup?

SOLUTION:

The SoftStartRV™ is an exceptional device that smooths-out startup power demand of the RV air conditioner's compressor. A small lightweight generator, like a Honda EU2000i, can't handle that power spike - until now. The SoftStartRV™ reduces compressor startup power demand by up to 70%. Run 2 RV Air Conditioners On A 30-Amp - No Problem. Each A/C requires one SoftStartRV™.

SoftStartRV™ KEY ADVANTAGES:

- Start RV A/C With Honda EU 2000i Generator, Avoid Backaches Lifting A Heavy Generator
- 50 Vs 30-Amp AC Hookup Issue? Run 2 RV Air Conditioners On A 30-Amp - No Problem
- Avoid the A/C startup "thump" - sleep cool and quiet through the night
- Eliminate Tripped Circuits - use   your A/C, fridge, hair dryer and blender at the same time

SoftStartRV Reduces Compressor Startup Power Demand By Up To 70%
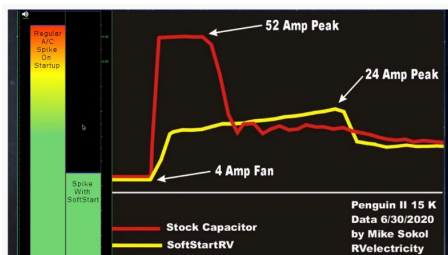
SoftStartRV Peak Comparison by Mike Sokol

SoftStartRV™ temporarily reduces the load and torque in the electric current rush of the motor in start-up. This reduces the mechanical stress on the motor and on the attached power cables and electrical delivery network, extending the life of the system.

It uses a soft start ramp up sequence that achieves a low start-up current. SoftStartRV™ can deliver 65-70% start current decrease as compared to a compressor's LRA (locked-rotor amperage).

SoftStartRV™ is the ideal solution that enables an RV air conditioner to start and run on a generator, inverter, or limited utility power when it would otherwise not have started.

FEATURES

- Reduces power spike up to 70% typically, but provides full startup torque for RV compressors
- Avoid costly 50-amp RV rewiring to start and run a second A/C, and save money
- Easy to install, connect only 5 wires and uses simple mounting flange or fasteners
- Suitable to single-phase 110V 1HP-1.5HP / 220V 1HP-3HP
- Fully weatherproof & non-flammable plastic, reliable IP65 housing & factory sealed by resin
- Supports 115V/50-60Hz motors, almost all A/C owners' benefit
- Supports up to a 36,000 BTU (3 ton) compressor – that's enough for most RVs
- Reduces light flickering at A/C start-up
- Enables inverter to power the A/C
- Eliminates the need to upgrade to a heavier backbreaking generator
- Low-cost, compact, and lightweight
- Reliably starts any 115V compressor with a Honda EU2000i in ECO Mode

PRODUCT TESTIMONIAL

Before the install, Honda 2000 had difficulty starting the compressor on eco mode. After installation the A/C starts and runs with generator on eco mode. No more stupid thump and trailer shaking when compressor starts.

Installation was super easy, and I have never taken the cover off of my roof top A/C before. If I can do it, anybody can. I highly recommend the SoftStartRV™!

Bill Coffman

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HOW IT WORKS:

The unit controls the inrush of current by starting the compressor motor slowly. It controls the start-up voltage of the motor /compressor judiciously to effectively reduce the inrush and outpouring current while starting-up. It consumes much less power from campground networks or a generator system, but still delivers full startup torque for motors and compressors.

The initial locked-rotor amps (LRA) needed to start the RV A/C system can create high current surges that can unfavorably affect the operation of an overloaded power source.

In many situations, this gentler method of managing the power surge can mean the difference between using a small generator, such as a Honda EU2000i or investing thousands of dollars in a larger, heavier, back breaking generator.

For RVs with a small generator and inverter, the SoftStartRV™ will also allow the choice of running an air conditioning system from an inverter.

It's easy to install too, just 5 wires. Wiring diagrams, step-by-step installation guide and bonus install kit are standard.

TURNKEY SOLUTION-EVERYTHING YOU NEED IN THE BOX:

• SoftStartRV™ Unit

• Installation Instructions & Warranty

• Video links and support contact information

• Wiring Diagram

• Bonus: Special install pack includes everything you'll need: screws, terminals, wire, zip ties, caps

Specifications for SoftStartRV™
Model #SSRV3T
Nominal Working Voltage: 110Vac (90~135Vac) / 220Vac (187~266Vac), single phase.
Power consumption: less than 3WEffective soft start on/off service: >100,000 times
(soft start interval not less than 3 minutes).

Dimensions
6.2 x 3.5 x 2.5 in. (158 mm × 90 mm × 66 mm.)
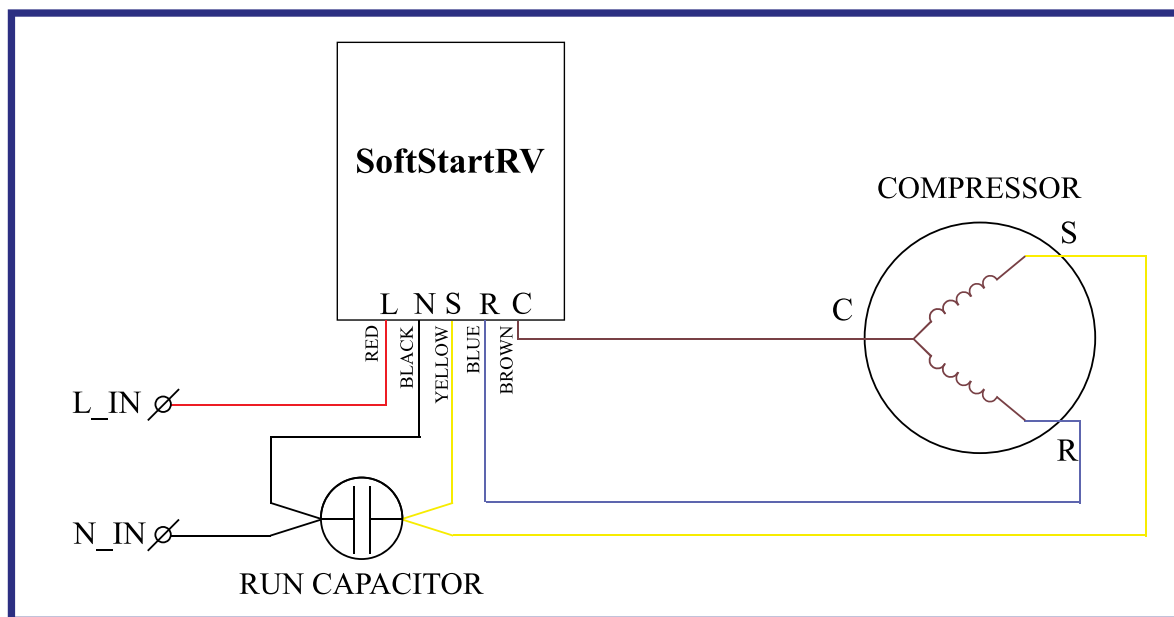Weight: 1 lb.15 oz (0.88 kg.)

WIRING DIAGRAM

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Specifications and availability subject to change without notice.

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