

[Manuals.plus](#) /

› [Dometic](#) /

› Dometic Smartstart for Brisk II RV Air Conditioners Instruction Manual

Dometic Smartstart for Brisk II ACs

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Model: Smartstart for Brisk II ACs

1. INTRODUCTION

The Dometic Smartstart is an advanced soft starter designed specifically for Dometic Brisk II RV air conditioners. This device significantly reduces the initial power surge and noise associated with AC compressor startup, enhancing overall system efficiency and user comfort. It allows for more flexible power management, enabling the use of other appliances simultaneously and facilitating off-grid operation with smaller generators or solar power systems.



Image 1.1: The Dometic Smartstart unit, a compact device designed to manage AC compressor startup.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the Dometic Smartstart. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Installation should only be performed by a qualified technician.
- Ensure all power to the RV air conditioner is disconnected before beginning installation.
- Verify correct wiring connections to prevent damage to the unit or the AC system.
- Do not operate the unit if it appears damaged or if any wires are exposed.
- Keep children away from electrical components.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Product Dimensions	12.25 x 7 x 5 inches
Weight	2.59 Pounds
Model Number	Smartstart for Brisk II ACs
Brand	Dometic
Amperage	30 Amps

Feature	Detail
Voltage	120 Volts (AC)
Wattage	2000 watts

DIMENSIONS

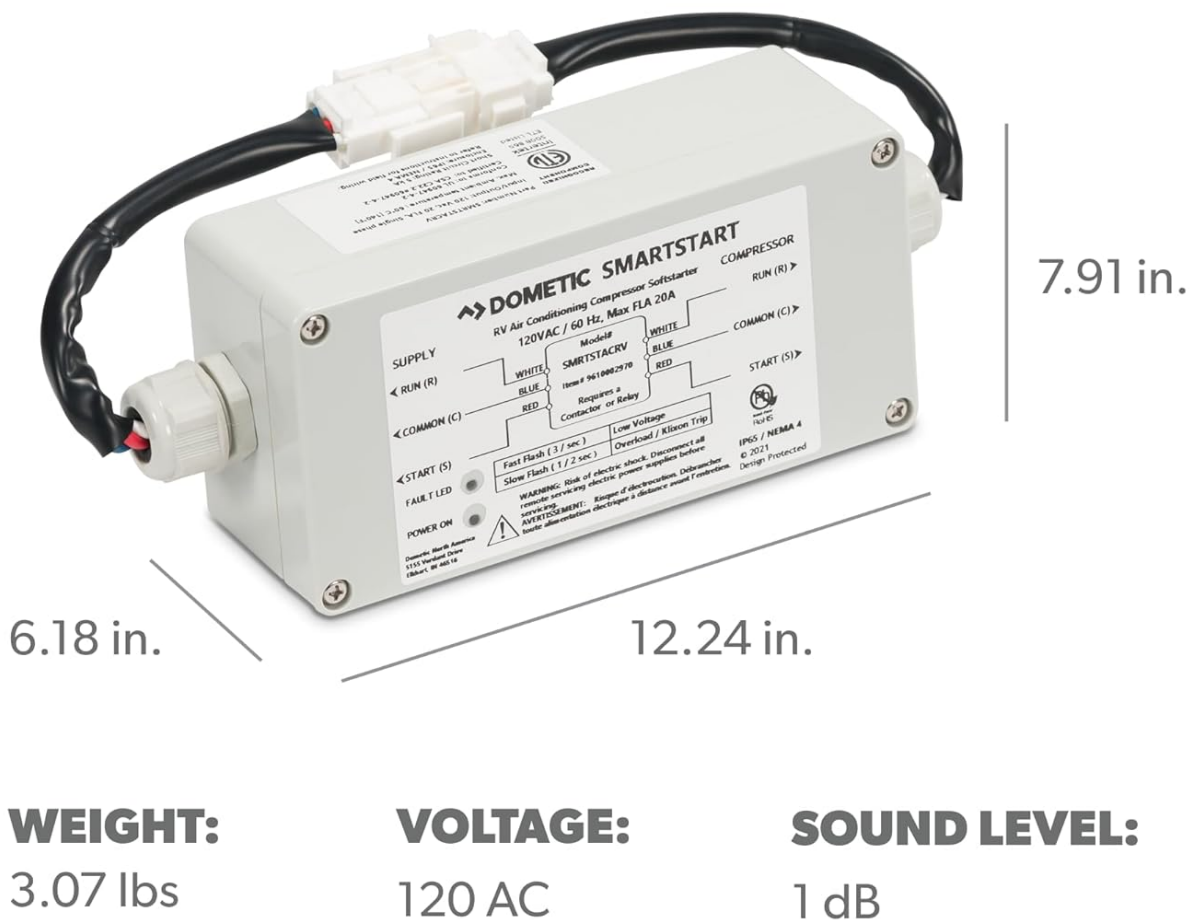


Image 3.1: Visual representation of the Dometic Smartstart unit's dimensions.

4. SETUP AND INSTALLATION

The Dometic Smartstart is designed for straightforward integration with Dometic Brisk II AC models. For detailed, step-by-step wiring instructions, please refer to the comprehensive installation guide provided with your product or available on the official Dometic website. This section provides a general overview of key installation features.

4.1 Key Installation Features

- **Designed for Dometic AC Models:** The Smartstart is engineered for compatibility and ease of installation with

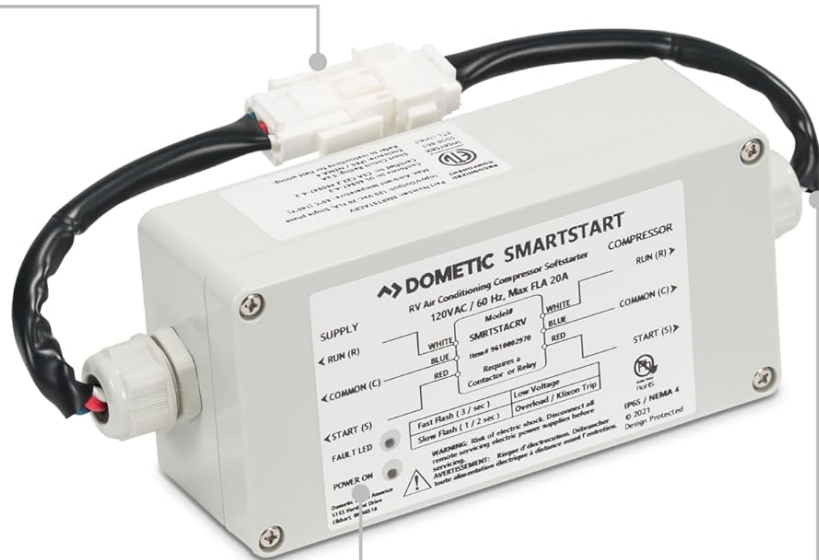
Dometic Brisk II air conditioners.

- **Power On and Fault Indicator:** The unit includes indicators to confirm correct power supply and to signal any operational faults, aiding in proper installation verification.
- **Weatherproof Case and Connectors:** The robust design ensures protection from environmental elements, suitable for outdoor RV applications.

BEST IN CLASS

EASE OF INSTALLATION

Designed for Dometic air conditioner models



POWER ON AND FAULT INDICATOR

Ensures correct installation

WEATHERPROOF CASE AND CONNECTORS

Protection from the elements

Image 4.1: Overview of the Dometic Smartstart highlighting ease of installation, power/fault indicators, and weatherproof design.



Image 4.2: A close-up view of the weatherproof case and connectors, designed for durability in various conditions.

5. OPERATING BENEFITS

Once installed, the Dometic Smartstart provides several operational advantages for your RV air conditioning system:

- **Reduced Power Demand and Noise:** The Smartstart minimizes the electrical current surge during AC compressor startup by up to 75%. This reduction in power demand also results in significantly quieter startup operations, contributing to a more peaceful environment inside your RV.

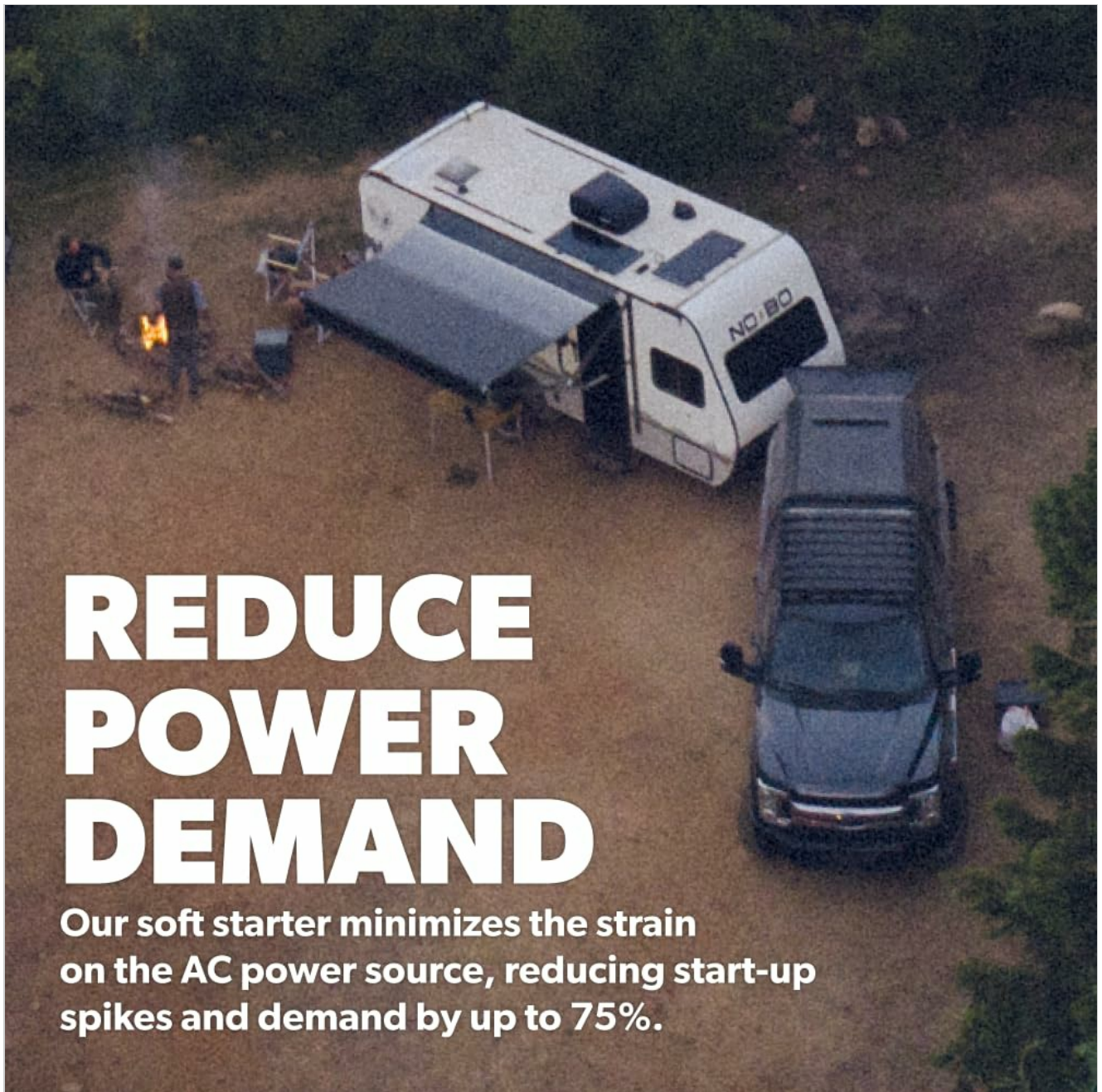
FREEDOM TO BOONDOCK

Run your AC on a generator as small as 2,000W
without the need for shore power



Image 5.1: Illustrates the benefit of reduced power demand, showing an RV in a natural setting.

- **Quieter AC Start-ups:** Experience a more restful indoor environment with less compressor noise during AC activation, both day and night.



REDUCE POWER DEMAND

Our soft starter minimizes the strain on the AC power source, reducing start-up spikes and demand by up to 75%.

Image 5.2: A family inside an RV, depicting the benefit of quieter AC operation.

- **Improved Power Management:** The Smartstart allows for the simultaneous use of other appliances alongside a running AC unit. It also enables the operation of two AC units on a single 30 AMP service, provided no other major appliances are active.
- **Freedom to Boondock:** The device facilitates off-grid living by allowing your AC to run on generators as small as 2,000W without requiring shore power.

QUIETER AC START-UPS

Helps maintain a quiet, restful indoor environment
both day and night



Image 5.3: An RV set up for boondocking, demonstrating the ability to run AC off-grid.

- **Solar Power Compatibility:** The Smartstart prevents inverters from faulting, making it possible to run your AC system effectively using solar power setups.

RUN AC OFF SOLAR POWER

The SmartStart prevents the inverter from faulting,
enabling use with solar power



Image 5.4: An aerial view of an RV equipped with solar panels, illustrating AC operation via solar power.

6. MAINTENANCE

The Dometic Smartstart is designed to be a "set it and forget it" component. It requires no routine maintenance after proper installation. Periodically inspect the unit and its connections for any visible damage or loose wiring, especially after extensive travel or exposure to harsh conditions.

SERVICE FREE

Install and forget. No maintenance required.



Image 6.1: The Dometic Smartstart installed within an AC unit, emphasizing its maintenance-free design.

7. TROUBLESHOOTING

If you encounter issues with your Dometic Smartstart, consider the following basic troubleshooting steps:

- **Check Power and Fault Indicators:** The unit has LED indicators that can signal power status or specific fault conditions. Consult your full installation manual for the meaning of different light patterns.
- **Verify Connections:** Ensure all wiring connections are secure and correctly seated.
- **Power Cycle:** Disconnect and reconnect power to the AC unit and Smartstart to reset the system.
- **Consult Full Manual:** For complex issues or specific error codes, refer to the detailed troubleshooting section in the official Dometic Smartstart manual.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to locate authorized service centers, please visit the official Dometic website or contact Dometic customer service directly. Ensure you have your product model number and purchase details available when seeking support.

Dometic Website: www.dometic.com

