NEW!

Power Up With SmartStart™

Eliminate Startup Spikes

SmartStart™ Model #4220040 shown

The biggest drain on your generator usually occurs when the air conditioning compressor starts. The generator is hit with a big power surge that can cause lights and other electrical appliances to flicker and falter.

Once running, a compressor has a much lower, steady amp draw, but the initial locked-rotor amps needed to start the system can create high current surges that could adversely affect the operation of an overstrained generator.

Big Savings

The SmartStart™ control is a unique device that smoothes out startup power demand instead of spiking it. In some situations, this gentler method of handling the power surge can mean the difference between keeping the generator you have or investing thousands of dollars in a larger generator.

A SmartStart™ control can be added to your air conditioning system for **a small fraction of the cost of upgrading your generator**.

Not only does the SmartStart™ control ease strain on the generator, it's also good for the compressor itself since it starts more gently.

Little Package

All this power comes in a surprisingly small package. At only 5" x 3" x 2" (127mm x 76mm x 51mm), the SmartStart™ takes up little space and weighs only 15 oz. (0.43 kg.). The SmartStart™ is wired directly into the air-conditioning system's electrical box.

Key Benefits

- Reduces strain on the generator.
- Reduces brown-out effects at compressor start up.
- May eliminate the need to upgrade your generator.
- Inexpensive.
- Small and lightweight.

Customer comment:

"The generator's control circuit would trip and stop the generator due to the inrush of the Emiko's heat pump. The SmartStart Control reduced that inrush of current so the generator would continue to run. We started with an inrush of 77 amps and finished with an inrush of only 20 amps. [The SmartStart] is a great solution to our problem."

M/V Emiko, 37' Nordic Tug
Mr. John Poole, Poole Refrigeration Service
Alameda, CA

ISO 9001:2008

L–2700 Rev. 20090828

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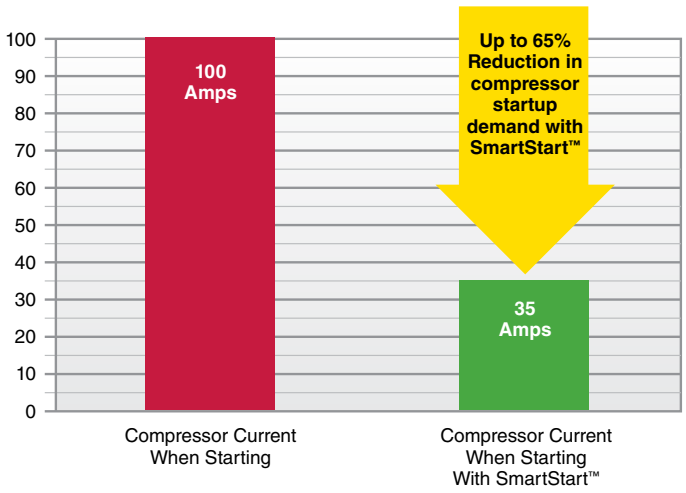
Technical Specifications for SmartStart™

Model	Voltage (volts) / Frequency (Hz)	Supported Compressor Capacity Range (BTUs)
4220040	115/60	5K–18K
4220043	208–240/50–60	12K–30K
4220044	208–240/50–60	36K–60K

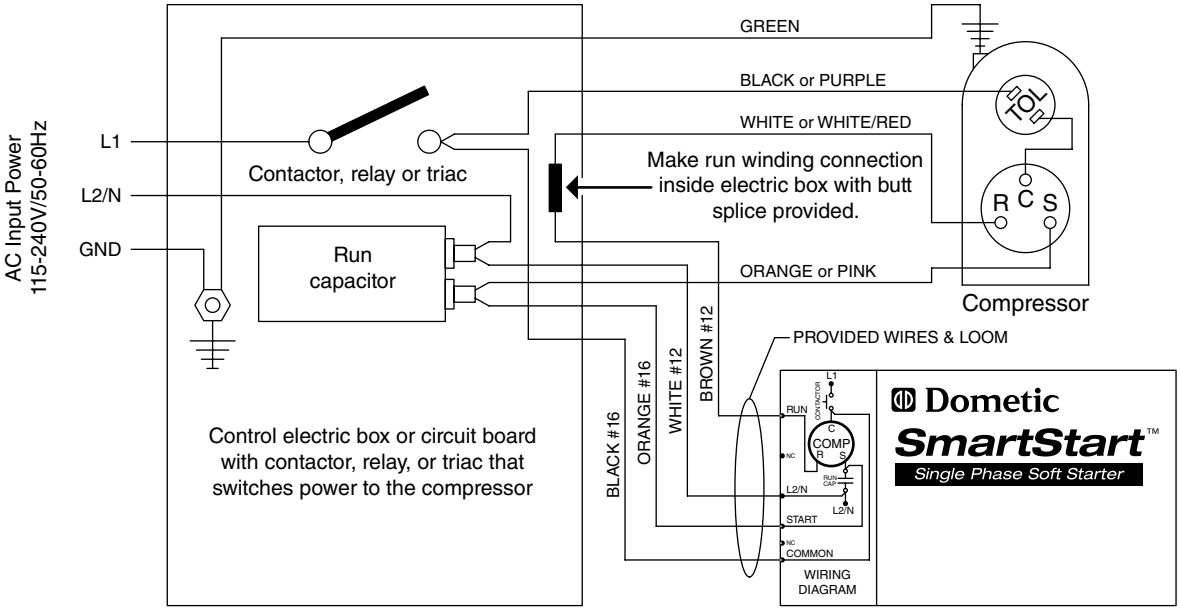
Notes:

- Maximum continuous current for all models: 32 Amps.
- Typical start surge reduction as compared to compressor locked-rotor amperage (LRA): 65%.



There is up to a 65% reduction in compressor startup demand on the generator when a SmartStart™ is installed.

SmartStart™ Wiring Diagram



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Environmentally Responsible

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