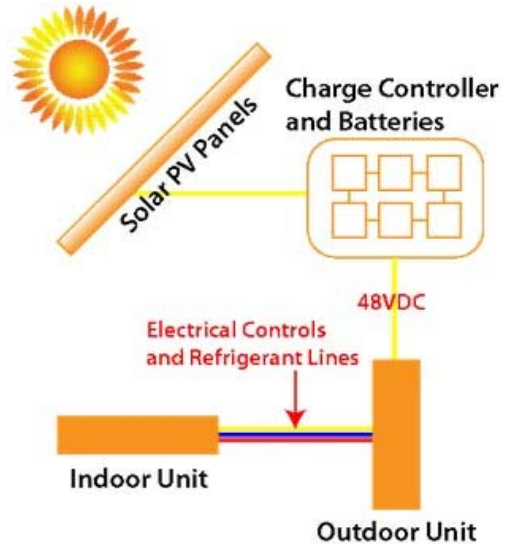


SECURUS FAMILY OF DIRECT CURRENT, SOLAR AIR CONDITIONING

The Securus family of direct current, solar air conditioning hardware will allow the world to embrace climate control without the concern of using carbon based electricity during their operation. The image below shows how power from a renewable source will run a Securus system or, how a communications equipment room with battery back-up can use its current back up configuration for equipment cooling and dehumidification or, how an 18-wheeler with a sleeper cab can become EPA anti-idle compliant. There are hundreds of global cooling applications that the Securus family of direct current, solar ready air conditioning fits right now.



The 18000 BTU, (1.5 Ton), certified, 48-Volt direct current Securus system silently cools and heats an average 600 square foot space by remote control using non-ozone depleting 410A refrigerant and a brushless, direct current compressor. Movement and automatic temperature maintenance logic ensures maximum efficiency.

The 8600, 11000, & 17000 BTU 24 & 48-Volt direct current Securus systems cool using eco-friendly 134A refrigerant and a brushless, direct current compressor. These durable USA built air conditioners can cool up to three separate spaces at once. Evaporator and Condenser can be mounted up to 10' apart and are connected by a wiring harness and self sealing quick disconnect refrigerant lines.



The Telecom Self –Contained DC 17000T controlled by a thermostat that senses the internal enclosure temperature. When cooling is desired, the compressor, evaporator blower and condenser fan turn on. Cool air is discharged from the DC Comfort T Series into the enclosure.

Optimized battery management is included in every DC Comfort T Series system. The control board on the system monitors battery consumption and protects the components from over temperature through a low voltage disconnect.



Cool Lights Premium is a lighting and cooling fan kit specially designed for areas where there is no electricity or with a weak power supply to provide a reliable, low cost solar lighting and cooling system. It combines a high efficiency solar panel, intelligent charge controller, a high capacity lithium-ion battery pack, a world class ceiling fan and two LED fixtures with lights. The quick connect wiring allows for quick and easy set up with minimal tools.

The Hot Spot™ Heat Recovery Unit captures waste heat discharged from the refrigerant cycle of a refrigeration system (air conditioner, heat pump, walk-in cooler or freezer etc.) and transfers that heat into a water heater tank, making free hot water. Not only does the Hot Spot™ system eliminate or reduce the amount of energy required to produce hot water, but it also improves the cooling efficiency of the refrigeration system. The Hot Spot™ is designed to operate with refrigeration systems of 1½ to 5 ton cooling capacity. Larger Hot Spot™ models are available





The 5000 BTU Securus is a rugged & compact system that is fully self-contained and easy to install. The 12-Volt system is designed to deliver maximum cooling for EPA compliant transport, marine, communications and mining applications. The DC5000 has built-in circuit protection and can be fitted with universal air ducts.

The power management hardware works to intelligently accept, store and supply primary power for the Securus line of direct current air conditioners and other direct current and inverted power demands. Major components include; DC and or AC power in charge controllers, deep cell, AGM power storage batteries, 12, 24 & 48-Volt power out circuits and optional, inverted AC power out circuits.



Evaporator / Air Handler



Condenser / Compressor

The 3600 BTU Securus is a rugged & compact system that is fully self-contained and easy to install. The 12-Volt system is designed to deliver maximum cooling up to 6000 BTU for custom transport, marine and remote communications applications. The DC3600 air handler is equipped with dual 300 CFM fans and optional discharge vents that can be fitted with mini-duct hoses.

For more instant specification information and pricing go to: www.securusair.com or www.solcoolstore.net. Email info@securusair.com for global Dealer inquiries.