

## Press Release

August 2022

**OFF-GRID JUST GOT BETTER, WITH SAMLEX!**

**200W Solar Panel Kits + EVOLUTION™ SERIES 4248 SPLIT PHASE INVERTER/CHARGER**



**Our highest output solar panel with an industry-leading 30-amp charge controller with quality wiring, and mounting brackets and a 4200W, 48V split phase inverter/charger to enable you to power common residential setups off-grid.**

Burnaby, BC (British Columbia) – August 15<sup>th</sup>, 2022 – As a leading manufacturer of power conversion products, Samlex America raises the bar once again in the industry with the introduction of these innovative products in the off-grid market.

The 200W panel by Samlex America is a high-efficiency monocrystalline panel that provides outstanding conversion of solar energy into electricity at an affordable price for off-grid and mobile applications. The Samlex [SSP-200-KIT](#) comes with a high efficiency monocrystalline 200W solar panel, connecting wires, and all-weather, aluminum mounting brackets and hardware, that can be used to secure the solar panel to the roof of your remote structure or any other flat surface. The Samlex [SRV-200-30A solar charging kit](#) comes with everything that is included in our SSP-200 solar panel kit, plus a 30 Amp charge controller. Keep your battery bank topped up and pair with a Samlex inverter to have household power for your remote cabin, or emergency back-up power when power goes out.

## Get Split Phase Power for all your 120/240 VAC Appliances

The [EVO-4248SP](#) is a 120V/240V split phase inverter/charger that meets the needs of the most common off-grid residential systems. It belongs to the industry-proven [EVOLUTION™ Series](#) and comes with the same technology and features of this portfolio of inverter/chargers.

Thanks to its unique split phase functionality, the EVO-4248SP is capable of powering both 120V and 240V devices, which means living off-grid does not have to mean losing access to modern appliances or necessities such as an air conditioner, sump pump, stove, or water heater. Additionally, when there is no electricity available, EVO-4248SP can connect to a larger solar array to harness the power of the sun using its 100 Amp DC (Direct Current) input terminal.



This 4200 watt, 120V/240V split phase inverter/charger has the same footprint and weight as our 3000 and 4000W inverter/chargers, 12.79 x 16.77 x 8.15 inches and 64lbs, and connects into a standard electrical household panel. When you combine it with a 48V battery bank and a solar system you can run a fully equipped off-grid cabin, a remote mobile construction site, or use it as an emergency backup system. The EVO-4248SP requires smaller cables and fuses/breakers compared to 12 and 24 VDC systems, which equates to up to 70% savings in wiring expenses.

This lithium-compatible inverter, 60 Amp automatic battery charger, and 40 Amp transfer switch provides users with up to 3X surge power with Power Boost, which equates to 12,600W output, allowing it to start demanding loads such as compressor or refrigerator with ease and efficiency. Pair the EVO-4248SP with the advanced EVO-RC-PLUS remote to take full advantage of this powerful device. View performance detail in real-time, log historic power consumption, inverter function, battery charging activity, faults, and conditions. With its unique 32GB SD card slot you can download the latest firmware directly from your computer to the SD card for easy programming and maintenance.

*"I am extremely excited to announce that the EVO-4248SP has finally arrived. Many of our customers have been demanding such a product to satisfy their power needs," says Samlex's Electrical Industry Manager, Mike Berg. "Providing a quality solution for our customers is what it is all about. Now our customers can power their off-grid cabins, tiny homes, and back up their residential homes using this reliable split-phase inverter/charger."*

### **About Samlex America**

Samlex America Inc., a global manufacturer and supplier of power conversion products, is focused on providing quality, innovative products supported by the best customer service in the industry.

Learn more at [samlexamerica.com](http://samlexamerica.com)

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