

## **FOR IMMEDIATE RELEASE**

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### **Sol-Ark & Lithion Announce Full Battery Communications**

Plano, Texas: Sol-Ark, a designer and manufacturer of hybrid inverters and related energy storage technologies, now has verified full communication set up with Lithion's HomeGrid residential 48V battery systems. While a strength of the Sol-Ark hybrid inverter line is the fact that it is 'battery agnostic' and can work with any 48V battery regardless of brand, type or chemistry, the team at Sol-Ark has found that the market values 'collaboration' between the inverter and the BMS (battery management system) of batteries. With a fully qualified battery manufacturer vetted by the Sol-Ark team and a battery that has passed a number of tests, Sol-Ark selects only the top battery companies to then work with. Sol-Ark's engineering and software teams work collaboratively with chosen battery partners, such as Lithion, to establish 'full communication' between the battery and the inverter enabling maximum efficiency and control as well as enhanced diagnostics. According to Tom Brennan, Sol-Ark CEO, "we are happy to be aligned with Lithion as their battery design and BMS are both solid and they are taking some really positive steps to establish manufacturing of their batteries in the U.S. which is important to our customers".

Lithion's HomeGrid product is designed with LFP (lithium ferro phosphate) batteries that use tier 1 prismatic cells for reliability and long life. Lithion is a vertically integrated manufacturer of battery cells and battery modules with facilities located in the United States and Canada. Lithion recently opened an 80,000 square foot facility in Henderson, Nevada dedicated to cell and battery pack assembly. According to Stewart Graham, Executive Vice President at Lithion, "we are very pleased to be working with Sol-Ark as their reputation for having best-in-class technology and world class customer support is impeccable. The Sol-Ark hybrid inverters provide the power, efficiency and versatility that our customers are demanding and we're optimistic about our future together".

#### **About Lithion**

Lithion is a vertically integrated manufacturer of cells, rechargeable and non-rechargeable battery packs and modules serving industrial, medical, robotic, military / defense and energy end-markets. Lithion works closely with original equipment manufacturers and end users to provide custom, high-quality power solutions for critical applications where reliability is paramount. Lithion recently acquired the HomeGrid and GridBox product lines, which consist of residential, commercial, and utility grade storage solutions. Using tier 1 prismatic cells, the HomeGrid line are premier batteries for home storage. Lithion is headquartered in Henderson, Nevada and are currently shifting their manufacturing for the HomeGrid product to the U.S.

#### **About Sol-Ark**

Headquartered in Plano, Texas, Sol-Ark is a solar and energy storage technology firm. Sol-Ark designs and manufactures hybrid inverters, and was founded in 2013 by local U.S. Veterans with deep experience in power electronics, semiconductors, and hardware design. The Sol-Ark founders were determined to prepare and protect their own families and businesses from utility power outages by providing a reliable and robust solar plus energy storage solution. The Sol-Ark all-in-one hybrid inverters are best-in-class

technology with speed, efficiency, and power as their main advantages, as well as great versatility. The Sol-Ark mission is to continue making the most reliable, innovative, affordable solar storage solutions to protect families and their businesses. We are "Powering Families Through Life™". The Sol-Ark team is dedicated to providing world-class customer support and continuing innovation as they carry out the vision of making solar plus energy storage affordable for all.