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**FOR IMMEDIATE RELEASE**

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**AMPTRICITY ANNOUNCES FIRST SOLID STATE  
ENERGY STORAGE FOR UNITED STATES**

*Emerges from Stealth Mode to Accept Home Market Pre-Orders*

- Amptricity launches the first solid state technology for home energy storage, commercializing battery capabilities today that were not thought possible until beyond 2030.
- 3.2 million U.S. solar homes stand to gain significant advantages over second-generation battery technology like the Tesla Powerwall, including three times the performance, affordability, elimination of safety hazards, and improved sustainability.
- Existing home energy storage solutions fail to adequately support solar photovoltaic (PV) homes because PV panels have twice the lifespan.
- Amptricity will build its first U.S. manufacturing facility by 2024, producing 4 GW yearly and expanding up to 16 GW. Site selection is underway in Texas, Arkansas, North Carolina, South Carolina, Arizona, and Tennessee.

**[MIAMI, FL, November 15, 2022]** — Amptricity, a manufacturer of proprietary solid state battery technology, announced it has emerged from stealth mode today. The company plans to advance its delivery of the first solid state energy storage systems (ESS) for up to 4 GWh or up to 400,000 homes within the next 30 months. Residential systems are scheduled to begin shipping in early 2023, with commercial 1 MWh Energy Storage Systems units to ship in Q4 2022.

Amptricity, founded in 2020 and headquartered in Miami, Florida, is co-founded by a global team of engineers and renewable-industry experts. Its proprietary solid state batteries include a cell capacity above 500 Ah (amp-hour) up to 3,000 Ah with an 11,000-deep discharge cycle.

This next-generation battery technology represents 8-hour discharge, simultaneous charging and discharging, no thermal runoff, zero toxicity, 100% recyclable, fully functional in extreme cold and hot temperatures, and high energy storage efficiency with an annual retention rate of more than 96%.

Today's second-generation home energy storage systems fail to adequately support solar photovoltaic (PV) homes because PV panels have twice the lifespan. They also present safety risks for homeowners, increasing insurance costs to cover potential flammable and explosive hazards. These scenarios contrast with Amptricity's

solid state home energy storage, which makes affordable financing possible because the lifespan is three times longer than current technologies. It also lowers overall costs, including homeowners insurance, because they are non-explosive and non-flammable and offer potential tax credits.

"Solar PV homeowners will love our solid state energy storage systems because they offer superior performance and are non-explosive, non-flammable, non-toxic, and 100% recyclable. For example, last year in Texas, homeowners suffered blackouts and fatalities from a winter storm due to the power grid's fragility. With Amptricity's solid state technology, homeowners can store energy for backup power—whether they have solar PVs or not," said Damir Perge, Amptricity CEO and Co-Founder.

Amptricity has 15 commercial product configurations to address every market, including residential, light commercial, industrial, municipal, utilities, and renewables like solar and wind. Amptricity is [accepting pre-orders](#) now.

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### **About Amptricity**

Amptricity is a privately-held company that manufactures, sells, and distributes solid state battery solutions for residential, light commercial, industrial, municipal, utilities, and renewables markets. Based in Miami, with offices in Dallas and Toronto, Amptricity plans to build its first U.S. manufacturing facility in 2024. The company's unique proprietary solid state technology reaching 500 Ah (amp-hour) to 3,000 Ah and capable of 11,000 deep cycle discharges, exceeds today's lithium-ion battery cell capacity. Amptricity offers the first solid state energy storage system for the U.S. market.

For more information, please contact:

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