

# Ampcera Raises a \$15 million Series A Investment to Scale the Production of Critical Materials for Solid-State Batteries

*Accelerating the commercialization of solid-state batteries*

TUCSON, AZ, USA, December 13, 2022 /EINPresswire.com/ -- Ampcera Inc. announces the first closing of its Series A funding round with lead investor Hanwha Solutions Corporation. With this new investment, Ampcera is on track to scale the production capacity of sulfide-based [solid electrolyte](#) materials to meet the rapidly increasing customer demand. This investment will also accelerate the integration of its solid electrolyte materials in solid-state batteries to better serve its customers.

Supply of high quality, low-cost solid electrolyte materials at scale is critical to mass adoption of solid-state batteries, and Ampcera is well positioned to become the provider-of-choice and global leader for these materials. The company is scaling towards mass production levels to meet the market demand and bring the average material cost below \$50 per kilogram, making solid-state batteries cost-competitive with conventional EV lithium-ion batteries and fossil-fuel powered vehicles.



sulfide-based solid electrolyte material produced by Ampcera



Ampcera logo

"Ampcera has a mission of developing and manufacturing solid electrolytes for solid-state batteries with higher energy density, better safety, and faster-charging rates than conventional



We look forward to working with our partners to accelerate the commercialization of solid-state batteries as a trusted supplier of critical materials.”

*Sumin Zhu, Co-Founder and CEO of Ampcera Inc.*

lithium-ion batteries,” said Dr. Sumin Zhu, Co-Founder and CEO of Ampcera Inc., “We look forward to working with our partners to accelerate the commercialization of solid-state batteries as a trusted supplier of critical materials.”

“We are very pleased to partner with Ampcera. We highly value Ampcera’s technology that could make Solid-State Electrolyte materials.” said Mr. Youngchul Kwon, VP, Corporate Business Development Office of Hanwha Solutions.

“Our sulfide-based solid electrolyte materials demonstrate

superior performance with the room temperature ionic conductivity exceeding 12 mS/cm, which is comparable to the flammable liquid electrolyte that is to be replaced by the solid electrolyte. In addition to 25+ patents and patent applications and trade secrets, our technology is further bolstered through collaborations with auto OEMs, cell producers, national laboratories, and universities, including multiple projects funded by the U.S. Department of Energy,” said Dr. Hui Du, Ampcera’s Co-Founder and CTO.

#### About Ampcera Inc.

Ampcera is a U.S.-based innovator in the development and commercialization of high-performance solid electrolytes and scalable manufacturing processes for next-generation lithium batteries. Its solid electrolyte replaces flammable liquid electrolyte in conventional lithium-ion batteries. The products and technologies offered by Ampcera have gained strong market demand from its more than 200 paying customers as [solid-state battery](#) technology is quickly being developed for mass production and commercial applications. Its customers include many of the leading automotive OEMs and cell producers in the world. Ampcera has its R&D and manufacturing facilities in Tucson, Arizona.

#### About Hanwha Solutions Corporation

Hanwha Solutions aims to deliver sustainable solutions for the planet through smart energy solutions and customer-focused materials. The Company operates its business through four divisions: Qcells, Chemical, Galleria and Insight. The Qcells Division offers total energy solutions from photovoltaic module manufacturing, power plant operation to electricity retailing service. The Chemical Division, the first in Korea to produce polyvinyl chloride (PVC), manufactures various chemical products and eco-friendly plasticizers. The Galleria Division, an operator of premium department store chain, provides premium fashion and food services. The Insight Division is a leading real estate developer specializing in industrial complexes. With its innovative technologies for sustainable growth, Hanwha Solutions strives to become a global leader in bringing a better future for humanity.

#### Media and Investor Contact

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