

Solid Power, Inc. (Nasdaq: SLDP)

Company Overview

November 2026

Solid Power

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All statements other than statements of present or historical fact contained herein are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, including Solid Power's or its management team's expectations, objectives, beliefs, intentions or strategies regarding the future. When used herein, the words "could," "should," "will," "may," "believe," "anticipate," "intend," "estimate," "expect," "project," "plan," "outlook," "seek," the negative of such terms, and other similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain such identifying words. 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Additional information concerning these and other factors that may impact the operations and projections discussed herein can be found in the "Risk Factors" sections of Solid Power's Annual Report on Form 10-K for the year ended December 31, 2025, Solid Power's Quarterly Reports on Form 10-Q for the quarters ended March 31, 2026, June 30, 2026 and September 30, 2026, and other documents filed by Solid Power from time to time with the Securities and Exchange Commission (the "SEC"), all of which are available on the SEC's website at www.sec.gov. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Solid Power gives no assurance that it will achieve its expectations.

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Leading Electrolyte Technology for the Solid-State Battery Era



1 **Leading developer of solid-state battery materials**
Positioned at the critical materials layer of next-gen batteries

2 **Capital-light partner model**
Provides electrolytes to OEMs and Tier 1 battery manufacturers rather than competing as a cell manufacturer, supported by a strong balance sheet

3 **Differentiated manufacturing**
Designed for scalability, yield, lower dry-room burden, and lower capital intensity relative to dry processing

4 **Integrated electrolyte and cell feedback loop**
Drives chemistry improvements and facilitates customer adoption

5 **Validated by global partners**
Including BMW, SK On, and Samsung SDI, with activity in the United States, Germany, and South Korea

Solid Power at a Glance

An industry-leading developer of next-generation all-solid-state battery technology

Founded **2011**

~250 employees

Nasdaq: **SLDP**

$397.6M liquidity[1]

$542.0M
market capitalization[1]

Debt-free
balance sheet[1]

Strategic Partners







Strong IP Position[2]

>25 issued US patents

>110 pending US patent applications

>120 non-US and PCT patents and applications

Trade secrets and know-how

Operating Footprint

SP1 – Louisville, Colorado, USA
HQ; pilot cell production; cell R&D

SP2 – Thornton, Colorado, USA
Pilot electrolyte production; Electrolyte Innovation Center (EIC); cell test

Seoul, South Korea
Local office integrated with the Asian battery ecosystem

1. As of September 30, 2026
2. As of October 21, 2026

Market Problem

Meeting future demand will require more than the incremental improvements lithium-ion batteries can offer

Lithium-Ion Today

- **Benchmark** for cost, scale and manufacturability
- Yet gains are increasingly incremental, suggesting **little room for improvement**
- Meanwhile, **global battery demand is expected to grow meaningfully**[1]

Incremental improvements may extend lithium-ion's relevance in the short term...

Solid-State Solution

We believe sulfide-based all-solid-state batteries (ASSBs) offer an ideal balance of performance and mass production potential

ASSB's Potential

- **New battery technology** replacing liquid or gel electrolyte
- Potential for **step-change improvements** in performance
- Well positioned to address evolving battery needs **across future applications**

…but markets need batteries that can meet demand and performance needs in the long term

1. McKinsey: Battery 2030



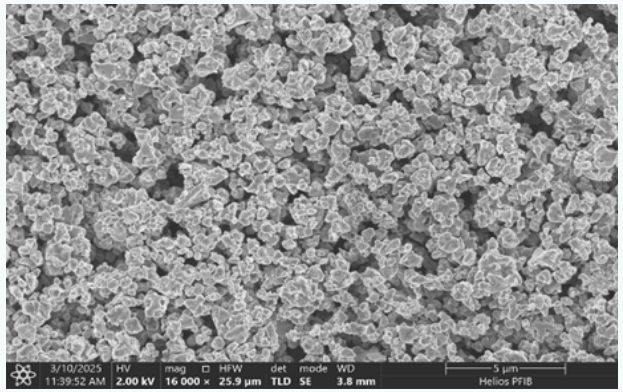
Why Solid-State Batteries

Technology designed to meet the demand and performance needs of the future

Solid-State Batteries Offer Potential Performance Improvements

Solid electrolyte used in ASSB





- Energy Density
- Battery Life
- Charging Speed
- Safety

Using Existing Battery Manufacturing

Sulfide-based chemistry can leverage **much of the existing** lithium-ion production infrastructure

1. **Uses established equipment base**
2. **Access to scale and supply advantages**
3. **High manufacturability and cost efficiencies**

Estimated
70 – 80%

Of conventional lithium-ion / roll-to-roll process retained

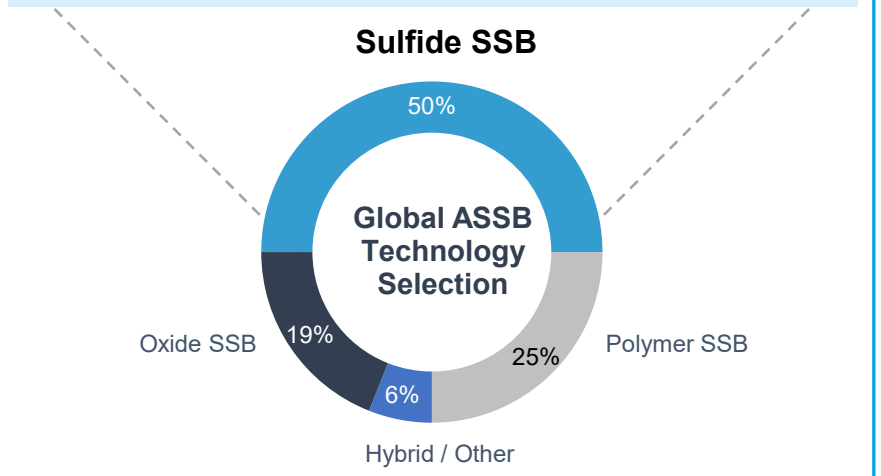
Solid Power is developing **sulfide-based solid electrolyte**, designed to offer a **compelling balance of performance and manufacturability**

Why Sulfide-Based Chemistry

Industry leaders are choosing sulfide-based chemistries for their solid-state programs, where Solid Power is a leading technology provider

Market Technology of Choice: Sulfide ASSB

We believe sulfides offer the best balance of **performance and mass production attributes** for ASSB chemistries: **manufacturable at scale**, **superior ionic conductivity**, and **compatible with leading ASSB cell configurations**



Source: PEM | RWTH Aachen University

Value Chain Players Pursuing Sulfide-Based Chemistries

Materials Suppliers	Cell Manufacturers	Automotive OEMs
Solid Power	SAMSUNG SDI	BMW, Ford
POSCO FUTURE M	SK on	Hyundai, Honda
Mitsui Kinzoku	LG Energy Solution	Toyota, BYD
Lotte Energy Materials, idemitsu	Panasonic	Kia, Nissan, NIO
EcoPro	CATL, Factorial	Mercedes-Benz, Stellantis

Source: Teneo internal research

While **EVs represent the near-term commercial opportunity**, Solid Power's solid-state technology is designed to enable a **broad range of battery applications over time**

Why Solid Power

Solid Power's development and manufacturing platform combines speed, technical agility, and capital efficiency

Solid Power can **turn cell-level learnings into electrolyte improvements**, de-risking ahead of commercial scale

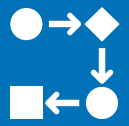
Competitive Advantages

Upfront Modeling



Examine many potential electrolyte variations before investing in physical builds

Rapid Iteration



EIC designed to allow rapid changes to chemistry and materials manufacturing process

Electrolyte to Cell Feedback Loop



Evaluate electrolyte performance across cell formats from small-scale to larger-format development cells

Scalable Wet Process



Scalable, high-yield wet process that can carry structural long-term cost advantages over dry process

Partner Collaboration



BMW, SK On, and Samsung SDI provided feedback and supported development

Our industry-leading innovation capabilities, strong liquidity, and disciplined capital deployment allow us to explore sulfide-based chemistry while being responsive to future technology shifts

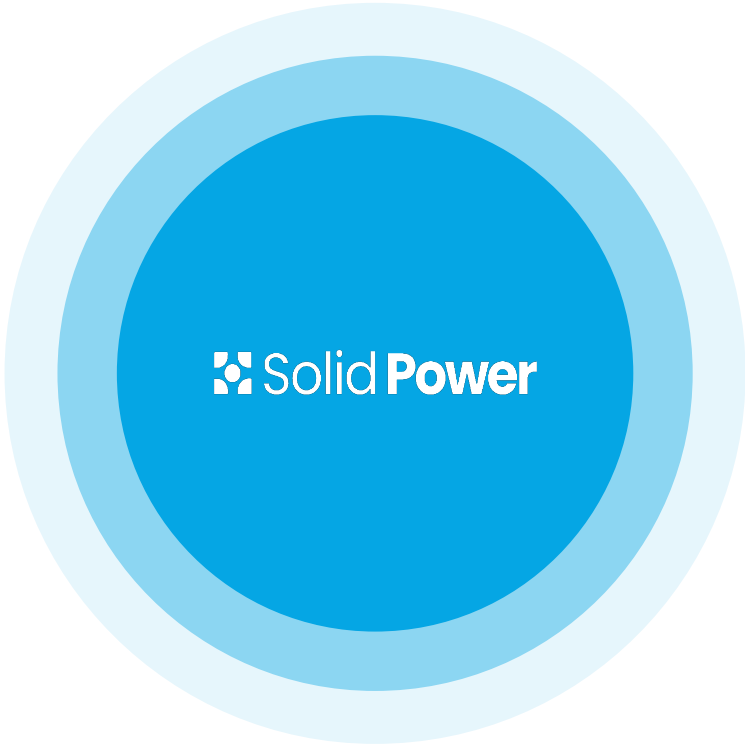
Business Model

Revenue is transitioning from licensing and development collaborations to electrolyte production and sales

Business Model

Electrolyte Supply
Supplied at pilot level today, expected to become the primary revenue source as volumes increase

Technology Licensing + Collaboration
Supporting development, with revenue mix shifting towards other growth areas over time



Enablers of Commercial Scale

Production Scale-Up
Continuous line to demonstrate wet-process scalability and efficiency at higher throughput

Partner-Enabled Production
Pursuing joint venture that would provide manufacturing scale and market access

Solid Power aims to supply electrolyte to cell manufacturers **rather than competing with them**

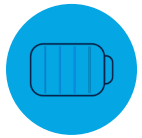
South Korea: Strategic Commercialization Hub

Proximity to leading battery manufacturers, partner programs, and potential production opportunities support commercialization



We are already on the ground

Solid Power's Korean presence supports local engagement with regional battery manufacturers and partners



Access to customer ecosystem

Korea is home to leading battery manufacturers and advanced cell development activity



Potential production pathway

Solid Power is evaluating potential partners for commercial-scale electrolyte production in Korea



Complements U.S. platform

U.S. operations and Department of Energy-supported expansion remain core to Solid Power’s technology and commercialization roadmap

Partner and Ecosystem Integration

Solid Power has advanced its technology through multiple partner pathways across the global battery ecosystem

Automotive Test Vehicles

Solid Power cell technology licensed by BMW, with prototype cell line in Germany; introduced i7 test vehicle featuring Solid Power cells



Electrolyte Supply

SAMSUNG SDI

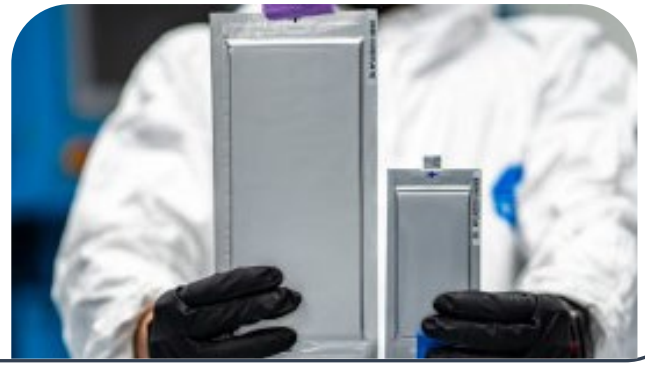
Evaluated electrolyte for use in EVs and other potential applications of ASSB technologies



Cell Technology

SK on

Solid Power cell technology licensed by SK On, with pilot cell line commissioned in South Korea



ASSBs may address challenges in next-gen electrified industries

Superior battery performance can give innovators the edge to lead their markets

Electric Vehicles

Range and charge time drive consumer purchase decisions

ASSBs may improve range and charge faster



Robotics

Battery weight limits balance, payload and uptime

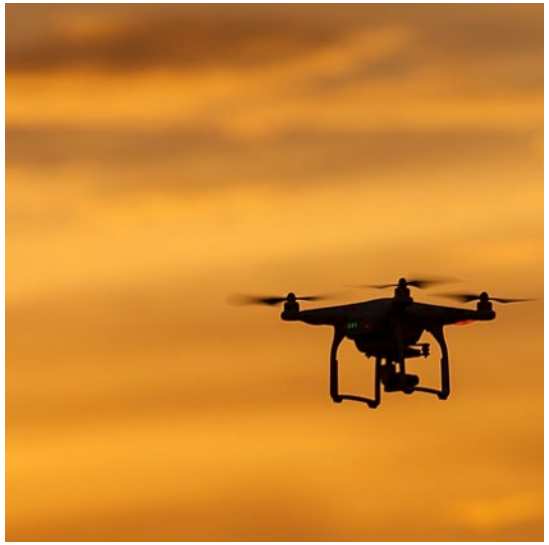
ASSBs may cut weight and improve balance



Defense & Aviation

Mission-critical requirements for weight, endurance and safety drive high willingness to pay

ASSBs may fly farther with greater payload



Off Highway / Mining, Oil & Gas

Large market where temperatures can exceed what lithium-ion can handle

ASSBs may operate in harsh conditions and improve safety



With 25+ U.S. patents, 100+ U.S. patent applications and 120+ global patents and applications, our technology development roadmap for EVs is building a foundation of knowledge that may be transferable across multiple high-value applications

Scaling Production to Commercial Readiness

Solid Power is building the foundation needed to transition from pilot-scale electrolyte validation to commercial supply

Phase 1 – Today
Pilot Validation

- 30 MT annual capacity from two pilot electrolyte manufacturing lines
- Customer sampling and partner evaluation underway
- Feedback from cell development enables electrolyte performance improvements

Phase 2 – 2026
Scale-up

- Expect to install 75 MT total annual capacity by YE 2026 with the launch of the MOBIUS™ continuous pilot line
- Continued to evaluate joint venture partners for commercial-scale electrolyte production in Korea
- Begin validation of wet-process production at higher throughput
- Expect to complete ISO 9001 certification by year-end, supporting commercial readiness

Phase 3 – 2027+
Commercial Readiness

- Anticipate progressing toward 500MT pre-commercial electrolyte production in Korea
- Plan to support partner qualification and pilot production programs
- Intend to secure electrolyte supply model for OEMs and battery manufacturers

Phase 4
Revenue & Profitability

- Develop a 2,000-plus-MT commercial scale plant, corresponding to approximately 4 GWh of battery production
- A plant of this scale is expected to support meaningful volume and revenue
- Profitability is expected to depend on key factors such as stacking repeat production units to reach larger volumes and achieve manufacturing efficiencies

MOBIUS™: A Step-Change Toward Commercial Electrolyte Supply

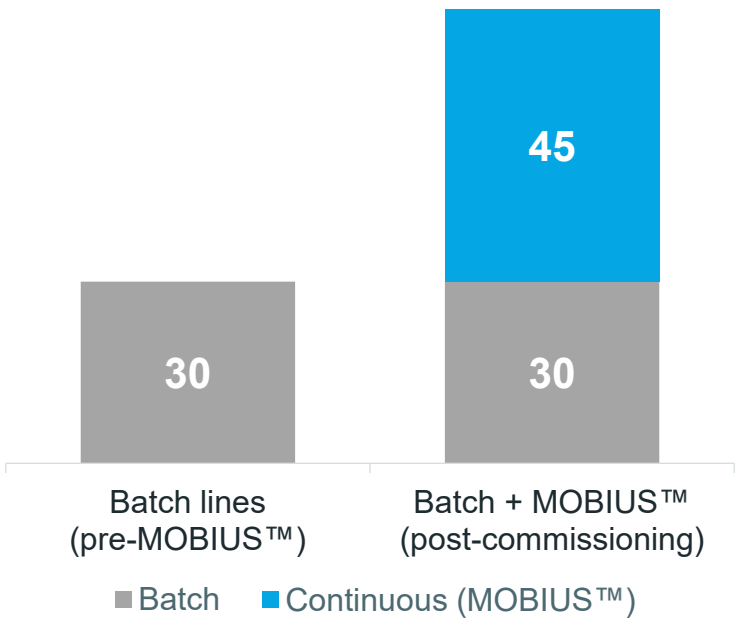
Announced continuous manufacturing line for sulfide-based solid electrolyte in October 2026

+45 MT
Annual electrolyte capacity added by MOBIUS™

~75 MT
Total annual capacity at SP2 once commissioned

+150%
Increase in Thornton electrolyte production capacity

SP2 electrolyte capacity (MT per year)



Why continuous manufacturing matters

Commercial-grade consistency. Tighter process control and more repeatable output than batch processing.

Path down the cost curve. Continuous production is a key driver of lower cost per kg as volumes scale.

Partner qualification. Supports material qualification with automotive OEM and cell manufacturing partners.

Scale roadmap. Important step in path from ~75 MT at MOBIUS™, toward 500 MT pre-commercial JV and a 2,000+ MT commercial plant.

> "MOBIUS™ reflects what sets this line apart: continuous production designed to deliver the process control, repeatability, and scale our partners expect from a commercial electrolyte supplier."
>
> **John Van Scoter**
> President and Chief Executive Officer

Path to Cost Leadership

Cost per kilogram is expected to decline as production scales from pilot to commercial

Drivers of Cost Reduction

Raw Material Costs

Lower precursor costs through supplier scale-up and strategic sourcing

Continuous Manufacturing

Improved efficiency, throughput, and quality versus batch production

Economies of Scale

Higher volumes reduce fixed costs per unit and increase purchasing leverage

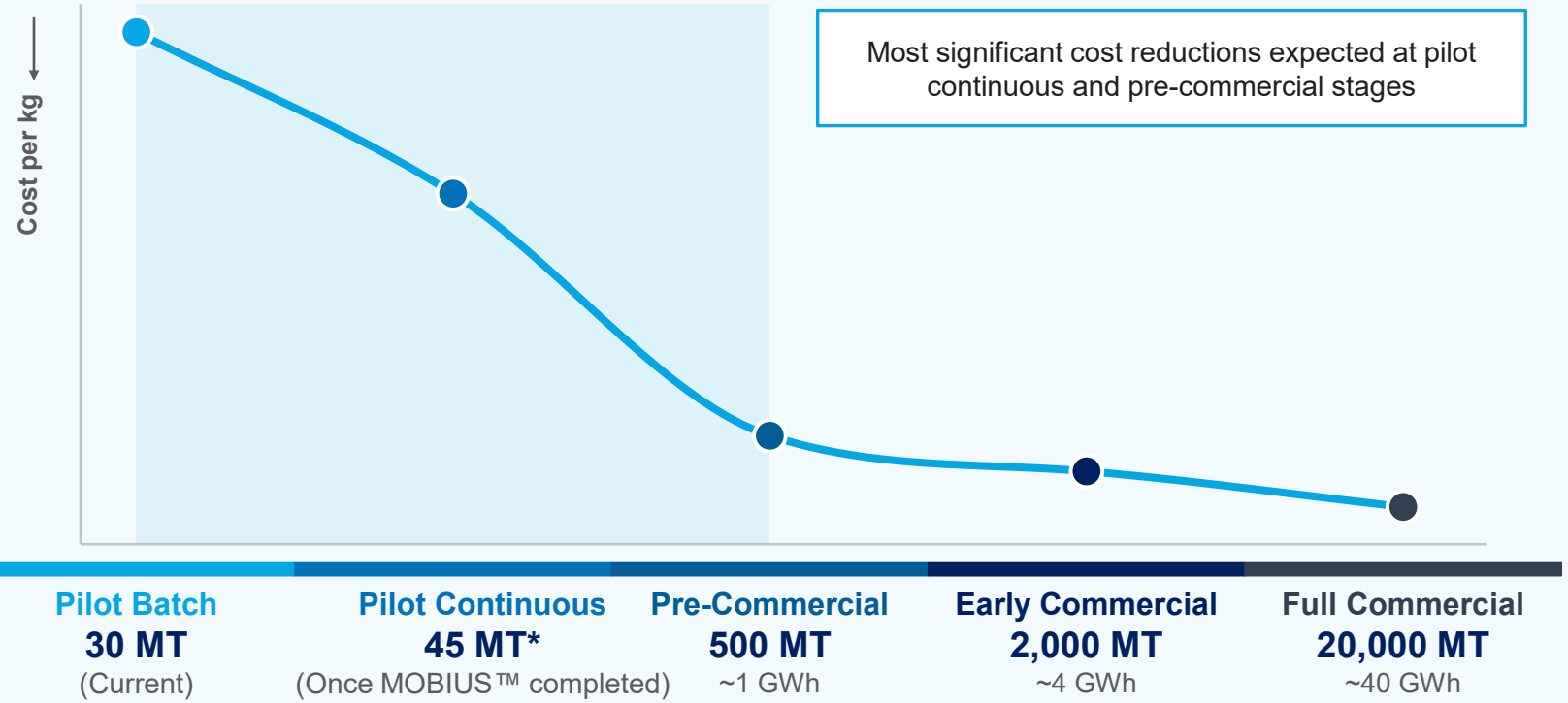
Process Yield

Higher yields reduce material consumption, waste, and unit costs

Strategic Partnerships

Collaboration accelerates scale and strengthens cost competitiveness

Illustrative Electrolyte Cost per Kilogram



*Total Thornton expected capacity is 75 MT/y, combining the 30 MT batch and 45 MT continuous lines.

Illustrative only. The curve shows expected direction, not magnitude, and is not a forecast of cost, price, timing or output. Battery production equivalents assume 0.5 kg of electrolyte per kWh.

Financial Position Supports Commercialization Runway

Solid Power's disciplined decisions support its ability to reach commercialization

Financial Foundation

397.6M[1]
total liquidity

No debt
financing

Department of Energy
grant support

Financial
flexibility

Capital Priorities

01 **Strategic cash investment**
2026 cash investment expected at $75M-$85M, down from prior guidance

02 **Maintaining expense discipline**
Ongoing review of spend, accountability, and operating efficiencies

03 **Leveraging external funding**
DOE grant, potential partnership for commercial production, and other opportunities

04 **Preserving financial flexibility**
Opportunistic use of capital markets as conditions allow

1. As of September 30, 2026

Executive Leadership Team

Deep technical, strategic, operational, and public company experience



JOHN VAN SCOTER

Chief Executive Officer, President, and Director

- Extensive C-level technology and public board experience
- Successful track record developing and commercializing technologies



LINDA HELLER

Chief Financial Officer, Treasurer, and Secretary

- 30+ years of financial leadership experience
- Broad public company experience across multiple industries



JOSH BUETTNER-GARRETT

Chief Technology Officer

- Deep experience and thought leader in energy storage and battery R&D
- 12+ years at Solid Power



LAUREN MCCABE

EVP, Product Development and Delivery

- 20+ years of leadership experience in Fortune 50, private sector, and U.S. Navy
- Experience overseeing enterprise execution, business transformation, and operational strategy across global functions



ANDREAS MAIER, PH.D.

Country Manager, Solid Power Korea Co., Ltd.

- 17+ years of experience in the European and Korean battery industries
- Experience driving business development initiatives to align operational capabilities with strategic goals



BERISLAV BLIZANAC, PH.D.

EVP, Strategic Technical Advisor

- 20+ years of experience in electromechanical conversion devices, materials science, and commercial technology development
- 10+ years of experience developing Li-ion cells