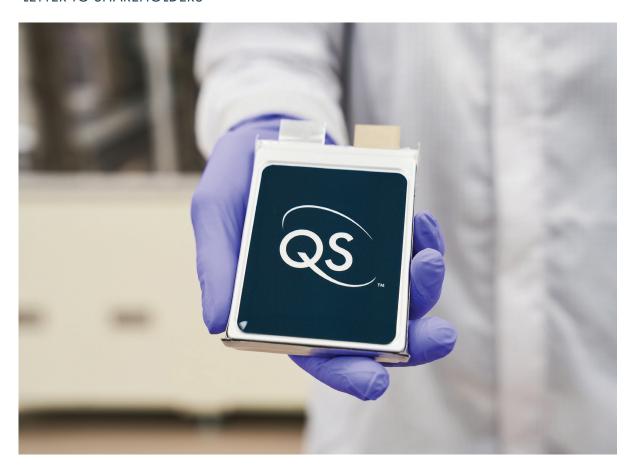


Q4 FISCAL 2022 LETTER TO SHAREHOLDERS



FEBRUARY 15, 2023

#### Dear shareholders,

In 2022, we made significant advances in our technology, encountered and overcame obstacles, and ultimately achieved our major goal for the year. In this letter, we briefly recap our key results in 2022 and provide an overview of our plans for 2023.

#### 2022 in Review

Our most important goal for 2022 was to ship our first 24-layer A0 prototype battery cells to customers. To achieve this, we needed to incorporate several improvements into our system — from separator film and cathode production to cell assembly — focused on the quality, consistency, and throughput of our designs and processes. In addition, we needed to address the contamination issue discussed in our Q2'22 shareholder letter.

We are pleased that the team successfully incorporated these improvements, addressed the contamination issue, and rallied to meet our target of shipping 24-layer A0 cells to customers by year end. We see this as a demonstration of the team's ability to overcome adversity and deliver on our goals.

While specific customer testing protocols and results can't be disclosed, we can report that generally, most cells have performed well on initial testing, including fast charge and early-cycle capacity retention; however, we must continue to improve cell reliability as we move from prototype to product. This is a key focus area for 2023, and we expect that as we make progress on the quality and consistency of our materials and processes, reliability will continue its upward trajectory. We have identified specific opportunities to deliver such improvements and expect to incorporate these into our baseline processes over the course of the year.

The 24-layer A0 is the first in a series of A-sample prototypes we expect to deliver as part of an iterative development process, designed to demonstrate the core capabilities of our technology to customers, including our ability to manufacture cells with capacities in the multi-amp-hour range, which we believe is relevant to a variety of applications such as automotive and consumer electronics. We believe this 24-layer A0 milestone represents a significant step forward, though more work remains to turn our technology into a commercial product. We discuss some of these remaining steps in our 2023 goals.



The AO prototypes also incorporate our proprietary cell architecture, a hybrid between pouch and prismatic cell formats, designed to accommodate the volume expansion and contraction that occurs during the charge and discharge of lithium-metal batteries. Demonstrating this cell design was an important goal for 2022. We intend to share more details on this architecture later in the year.

In addition to our cell development progress, in 2022 we focused on scaling up cell production. One goal was to continue the buildout of our QS-0 pre-pilot production line by taking delivery of a majority of the necessary equipment. We have merged our Phase 2 engineering line with QS-0, and have now received a majority of the equipment necessary for initial lower-volume production on this consolidated QS-0 line. Note that some equipment to enable higher-volume production is still under development.

Our final key goal for the year was to scale up production of our ceramic solid-electrolyte separator to a peak level of 8,000 weekly film starts. We achieved this goal, supported by the implementation of automation on our separator production line, and can now maintain a steady run rate of approximately 5,000 starts per week. This achievement demonstrates progress in process development, equipment qualification and manufacturing capability.

#### **Customer Engagement**

One of the principal benefits of an anode-free lithium-metal design is the potential for significant improvement in energy density compared to today's lithium-ion batteries. This and other potential benefits have generated interest from prospective customers across a range of applications.

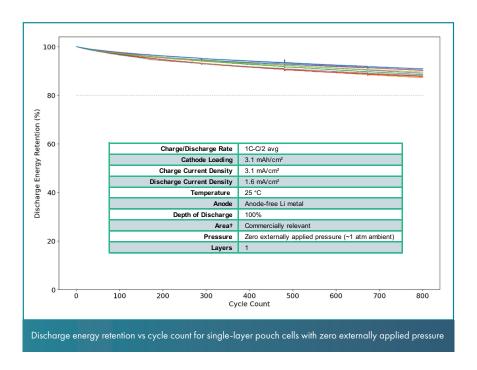
#### **Automotive**

Over 2022, we continued to see strong interest in next-generation batteries for EVs from a variety of automotive OEMs, culminating in sampling agreements with three more automakers, including a top-10 automotive OEM by global revenue and a pure-play EV OEM. In December, we began providing 24-layer AO sample cells to multiple automakers.

#### **Consumer Electronics**

Energy density is an important feature for batteries in the consumer electronics market, and we believe the ability to operate without a pressure application apparatus is critical for maximizing energy density, given the limited space available in most consumer electronics devices. Zero externally applied pressure refers to this ability to cycle with nothing more than one atmosphere of ambient pressure. In 2022, we shipped dozens of single-layer pouch cells for customer testing with zero externally applied pressure. We are pleased to report that sister cells from the sampling campaign we reported on in Q3'22 have now surpassed 800 charge/discharge cycles. We believe this exceeds the requirements for many consumer electronics applications.

<sup>&</sup>lt;sup>1</sup> As part of any customer shipment, we build additional cells with the same design, which we refer to as *sister cells*, and test them in our own labs under conditions intended to replicate those in our customers' labs.



Other than low-capacity, low energy-density LIPON-based<sup>2</sup> microbatteries, we are not aware of any other lithium-metal cells that have demonstrated operation under zero externally applied pressure conditions. On the contrary, many groups over the decades have published papers suggesting pressure is intrinsically required to make lithium-metal anodes work. The fact that we have demonstrated cells that can overcome this limitation illustrates the step-change improvement our technology represents.

#### 2023 Financial Outlook

Capital expenditures for the fourth quarter and full-year 2022 were \$37.8M and \$158.8M, respectively. Cash operating expenses, defined as operating expenses less stock-based compensation and depreciation, were \$70.2M for the fourth quarter and \$266.3M for the full-year 2022.

For the full-year 2023, we expect capital expenditures to be between \$100M and \$150M and cash operating expenses between \$225M and \$275M. This guidance reflects our efforts to preserve our commercialization goals while conserving cash and extending our runway given the macroeconomic environment, primarily by optimizing non-personnel resources (e.g., reduction in services, materials, utilities) as well as rebalancing personnel.

We've also identified capex savings from strategic decisions around equipment and facilities. We plan to allocate our 2023 capex toward the continued buildout of our consolidated QS-0 pre-production line, including increased levels of automation and equipment for our new fast separator production process.

As a result of these cost-saving initiatives, we believe our cash runway now extends into the second half of 2025, an increase from our prior communication of through the end of 2024. Historically, we've focused on maintaining a strong balance sheet, and we intend to continue this by identifying new opportunities to reduce spending and by being strategic about opportunities to raise capital to further extend our cash runway.

<sup>&</sup>lt;sup>2</sup> LIPON microbatteries are generally fabricated using high-vacuum processes and, due to the low ionic conductivity of LIPON, tend to have low capacities and low energy densities.

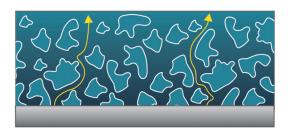
#### 2023 Goals

Beyond AO prototype shipments, we plan to focus on subsequent generations of prototype samples incorporating advances in cell functionality, process and reliability, as well as bringing online the manufacturing capability our consolidated QS-0 line is designed to provide. Our goals for 2023 are focused on these fronts.

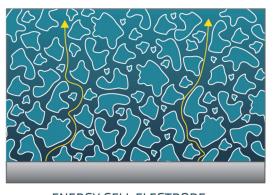
#### Goal #1 - Increase cathode capacity loading to ~5 mAh/cm<sup>2</sup>

We believe our anode-free lithium-metal design provides the potential for increased energy density by eliminating the mass and volume of the conventional anode host material, such as graphite. However, our cathode can be optimized either for better energy density or higher rates of power, as in conventional lithium-ion batteries.

A main differentiator between an energy cell and a power cell is the capacity loading of the cathode — a measure of how much cathode active material the electrode contains as a function of area. Energy cells generally have a higher loading, whereas power cells have a lower loading. We believe our current loading of approximately  $3 \text{ mAh/cm}^2$  would be in the range required for a power cell, but to optimize for energy density, we are targeting a capacity loading in the range of approximately  $5 \text{ mAh/cm}^2$ .



POWER CELL ELECTRODE



ENERGY CELL ELECTRODE

An illustration of the difference between positive electrodes (cathodes) optimized for power versus energy density. Yellow lines indicate paths of lithium-ion transport. Not to scale.

We believe our solid-state lithium-metal platform enables high capacity loading because it provides a shorter ion transport path than conventional lithium-ion cells. Lithium ions only need to travel through the cathode and solid-state separator; there is no additional host material on the anode side that ions must traverse, as in a conventional lithium-ion cell using a graphite or silicon anode.

This goal requires addressing several technical challenges, including coating thicker cathode electrodes while maintaining quality, calendaring the cathodes to the necessary thickness, optimizing cathode microstructure, and ensuring good catholyte interface with active material.

#### Goal #2 - Improve cell packaging efficiency

In addition to the energy stored in the active materials of the cell, the final energy density is significantly impacted by cell packaging. While the active materials of the battery set a ceiling on how energy dense it can be, the ratio between active materials and inactive materials, the packaging efficiency, determines the final energy density. The next step on our path toward commercialization is to optimize our packaging efficiency.

This effort involves planned improvements along several axes, including tightening tolerances between the individual cell components, reducing the thickness of elements of the cell stack (such as current collectors), and minimizing or eliminating inactive materials or spaces inside the cell package — all without adversely impacting performance of the cells.

#### Goal #3 – Improve production quality and consistency

As we move from prototypes to commercial products, improving the quality and consistency of materials and processes is increasingly important. Some core drivers of quality and consistency in our manufacturing process include increased precision through automation and process control, quality of material inputs, and particle reduction across our process flow.

Other industries, including the multilayer ceramic capacitor and lithium-ion battery industries, have already demonstrated methodologies for controlling these contributors to quality and consistency. We plan to implement the process improvements and controls necessary to manufacture higher quality, more consistent materials, which we believe will ultimately lead to higher reliability.

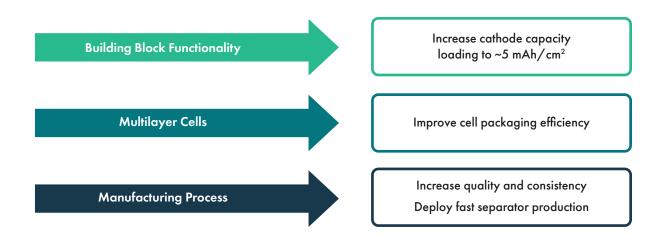
#### Goal #4 – Deploy new fast separator production process

In 2022, we ramped our current baseline separator production process to a steady-state volume of approximately 5,000 starts per week. We have been working on a new, disruptively faster and more scalable film production process, and have seen encouraging results. This process is significantly faster than our current baseline, and in its initial implementation, we expect it can support up to three times more throughput, using similar equipment to our current process. We believe derivatives of this process can be capable of significantly faster rates.

When this new process comes online, we expect our consolidated QS-0 line will be ready to begin initial lower-volume production. We believe that deploying this fast process in 2023 is an important step on our pathway to mass production in the coming years.

We are excited about these goals and believe that if we can achieve them, we will be closer to a commercial product than ever.

#### **QuantumScape 2023 Goals**



### Strategic Outlook

In our letter to shareholders in Q4'21, we laid out four key premises that underlie our commercial opportunity:

- 1. Battery electric powertrains represent the future of transportation
- 2. Anode-free lithium-metal batteries have the potential to deliver compelling improvements over current lithium-ion batteries
- 3. We can scale up our cells to many layers
- 4. We can mass manufacture our cells

We continue to believe that the first two points are well established, and our work in 2022 was focused on the latter two propositions. Beginning shipments of 24-layer A0 cells with our new proprietary cell architecture demonstrated that it is possible to scale up our cell layer count to the multi-amp-hour scale, a range we believe is relevant for various applications. By hitting our weekly film starts target and taking delivery of equipment for our consolidated QS-0 line, we have made progress toward our scale up goals.

Of course, as discussed in this letter, much work remains to be done. However, our results over the past two years have demonstrated that when difficult problems need solving, our team consistently rises to the occasion. In the months and years ahead, new and difficult problems are sure to arise. When that happens, we are confident that we will tackle these new challenges the same way we solved the previous ones: with teamwork, stubborn determination and grit.

Thank you for your continuing support, and we look forward to sharing more on our progress over the year ahead.

Jagdeep Singh

Lyth

Founder, CEO & Chairman

Kevin Hettrich

**CFO** 

# QuantumScape Corporation Consolidated Balance Sheets (Unaudited) (In Thousands)

Current assets           Cash and cash equivalents (\$3,395 and \$3,382 as of December 31, 2022 and 2021, respectively, for joint venture)         \$ 235,393         \$ 320,700           Marketable securities         826,340         1,126,975           Prepaid expenses and other current assets         10,591         15,787           Propetly expenses and other current assets         1,072,324         1,463,432           Property and equipment, net         295,934         166,183           Right-of-use assets - finance lease         28,013         30,886           Right-of-use assets - operating lease         60,782         36,913           Other assets         18,353         18,234           Total current liabilities         1,475,406         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equity         2         14,182           Accounts payable         \$ 21,420         \$ 14,182           Accrued ilabilities         7,477         6,078           Accrued compensation and benefits         13,061         9,119           Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         62,560         36,760           Operating lease liability, long-term         62,560         36,760		December 31,							
Current assets           Cash and cash equivalents (\$3,395 and \$3,382 as of December 31, 2022 and 2021, respectively, for joint venture)         \$235,393         \$320,700           Marketable securities         826,340         1,126,975           Prepaid expenses and other current assets         10,591         15,757           Total current assets         1,072,324         1,463,432           Property and equipment, net         295,934         166,183           Right-of-use assets - finance lease         28,013         30,886           Right-of-use assets - operating lease         60,782         36,913           Other assets         18,353         18,234           Total assets         1,475,406         \$1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equit         **         **         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equit         **         1,715,648         **         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equit         **         1,715,648         **         1,4182         4         4         1,716,648         **         1,4182         4         1,716,648         **         1,4182         4         1,716,648         **         1,4182         4		-	2022		2021				
Cash and cash equivalents (\$3,395 and \$3,382 as of December 31, 2022 and 2021, respectively, for joint venture)         \$235,393         \$320,700           Marketable securities         826,340         1,126,975           Prepaid expenses and other current assets         10,591         15,757           Total current assets         1,072,324         1,463,432           Property and equipment, net         295,934         166,183           Right-of-use assets - finance lease         28,013         30,886           Right-of-use assets - operating lease         60,782         36,913           Other assets         18,353         18,234           Total assets         \$1,475,406         \$1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equity         \$21,420         \$14,182           Accounts payable         \$21,420         \$14,182           Accounts payable         \$7,477         6,078           Accounts payable hon-controlling interest and stockholders' equity         \$3,478         1,209           Finance lease liability, short-term         3,478         1,209           Finance lease liability, short-term         3,478         1,209           Finance lease liability, long-term         62,560         36,760           Operating lease liability, long-term	Assets								
respectively, for joint venture)         \$ 235,393         \$ 320,700           Marketable securities         \$ 26,340         1,126,975           Prepaid expenses and other current assets         \$ 10,591         15,757           Total current assets         \$ 1,072,324         1,463,432           Property and equipment, net         \$ 295,934         166,183           Right-of-use assets - innance lease         28,013         30,886           Right-of-use assets - operating lease         60,782         36,913           Other assets         18,353         18,234           Total sests         1,475,406         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equity         \$ 1,475,406         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equity         \$ 1,475,406         1,715,648           Liabilities         7,477         6,078         46,078         1,747         6,078           Accounts payable         \$ 21,420         \$ 14,182         46,078         1,191         46,079         30,071         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119         9,119	Current assets								
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Other assets         18,353         18,234           Total assets         1,475,406         1,715,648           Liabilities, redeemable non-controlling interest and stockholders' equity         Uurnent liabilities           Accounts payable         \$ 21,420         \$ 14,182           Accound compensation and benefits         13,061         9,119           Operating lease liability, short-term         3,478         1,209           Operating lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         3,488         3,15           Total liabilities         1,55,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —         —           Preferred stock         —         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (2,023,605) <td>Right-of-use assets - finance lease</td> <td></td> <td>28,013</td> <td></td> <td>30,886</td>	Right-of-use assets - finance lease		28,013		30,886				
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Current liabilities         \$ 21,420         \$ 14,182           Accounts payable         7,477         6,078           Accrued compensation and benefits         13,061         9,119           Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Liabilities, redeemable non-controlling interest and stockholders' equity	-							
Accrued liabilities         7,477         6,078           Accrued compensation and benefits         13,061         9,119           Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	•								
Accrued liabilities         7,477         6,078           Accrued compensation and benefits         13,061         9,119           Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Accounts payable	\$	21,420	\$	14,182				
Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895			7,477		6,078				
Operating lease liability, short-term         3,478         1,209           Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Accrued compensation and benefits		13,061		9,119				
Finance lease liability, short-term         1,373         19           Total current liabilities         46,809         30,607           Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895			3,478		1,209				
Operating lease liability, long-term         62,560         36,760           Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Finance lease liability, short-term		1,373		19				
Finance lease liability, long-term         38,005         39,378           Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Total current liabilities		46,809		30,607				
Other liabilities         8,488         315           Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Operating lease liability, long-term		62,560		36,760				
Total liabilities         155,862         107,060           Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Finance lease liability, long-term		38,005		39,378				
Redeemable non-controlling interest         1,704         1,693           Stockholders' equity         —         —           Preferred stock         —         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Other liabilities		8,488		315				
Stockholders' equity         —	Total liabilities		155,862		107,060				
Preferred stock         —         —           Common stock         44         43           Additional paid-in-capital         3,771,181         3,634,665           Accumulated other comprehensive loss         (17,873)         (4,208)           Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Redeemable non-controlling interest		1,704		1,693				
Common stock       44       43         Additional paid-in-capital       3,771,181       3,634,665         Accumulated other comprehensive loss       (17,873)       (4,208)         Accumulated deficit       (2,435,512)       (2,023,605)         Total stockholders' equity       1,317,840       1,606,895	Stockholders' equity								
Additional paid-in-capital       3,771,181       3,634,665         Accumulated other comprehensive loss       (17,873)       (4,208)         Accumulated deficit       (2,435,512)       (2,023,605)         Total stockholders' equity       1,317,840       1,606,895	Preferred stock		_		_				
Accumulated other comprehensive loss       (17,873)       (4,208)         Accumulated deficit       (2,435,512)       (2,023,605)         Total stockholders' equity       1,317,840       1,606,895	Common stock		44		43				
Accumulated deficit         (2,435,512)         (2,023,605)           Total stockholders' equity         1,317,840         1,606,895	Additional paid-in-capital				3,634,665				
Total stockholders' equity 1,317,840 1,606,895	Accumulated other comprehensive loss		(17,873)		(4,208)				
	Accumulated deficit		(2,435,512)		(2,023,605)				
Total liabilities, redeemable non-controlling interest and stockholders' equity \$ 1,475,406 \$ 1,715,648	Total stockholders' equity				1,606,895				
	Total liabilities, redeemable non-controlling interest and stockholders' equity	\$	1,475,406	\$	1,715,648				

QuantumScape Corporation
Consolidated Statements of Operations and Comprehensive Loss (Unaudited)
(In Thousands, Except per Share Amounts)

	Three Months Ended December 31,							Twelv	e Mon	ths Ended Decemb		
		2022		2021		2020		2022		2021		2020
Operating expenses:												
Research and development	\$	83,375	\$	46,788	\$	22,730	\$	297,435	\$	151,496	\$	65,103
General and administrative		30,059		20,349		7,458		123,183		63,770		15,918
Total operating expenses		113,434		67,137		30,188		420,618		215,266		81,021
Loss from operations		(113,434)		(67,137)		(30,188)		(420,618)		(215,266)		(81,021
Other income (loss):												
Interest expense		(592)		(822)		(11,818)		(2,399)		(1,419)		(20,765
Interest income		5,092		682		131		10,905		1,883		1,093
Change in fair value of assumed common stock warrant liabilities		_		_		(581,863)		_		168,674		(581,863
Change in fair value of Series F convertible preferred stock tranche liabilities		_		_		(652,867)		_		_		(999,987
Other income (expense)		(119)		50				216		151		760
Total other income (loss)		4,381		(90)		(1,246,417)		8,722		169,289		(1,600,762
Net loss		(109,053)		(67,227)		(1,276,605)		(411,896)		(45,977)		(1,681,783
Less: Net income (loss) attributable to non-controlling interest, net of tax of		13		(1)		_		11		(11)		(6
Net loss attributable to common stockholders	\$	(109,066)	\$	(67,226)	\$	(1,276,605)	\$	(411,907)	\$	(45,966)	\$	(1,681,777
Net loss	\$	(109,053)	\$	(67,227)	\$	(1,276,605)	\$	(411,896)	\$	(45,977)	\$	(1,681,783
Other comprehensive income (loss):												
Unrealized income (loss) on marketable securities		4,205		(3,579)		(71)		(13,665)		(4,177)		(121
Total comprehensive loss		(104,848)		(70,806)		(1,276,676)		(425,561)		(50,154)		(1,681,904
Less: Comprehensive income (loss) attributable to non-controlling interest		13		(1)		_		11		(11)		(6
Comprehensive loss attributable to common stockholders	\$	(104,861)	\$	(70,805)	\$	(1,276,676)	\$	(425,572)	\$	(50,143)	\$	(1,681,898
Net loss per share of common stock attributable to common stockholders												
Basic	\$	(0.25)	\$	(0.16)	\$	(4.42)	\$	(0.95)	\$	(0.11)	\$	(6.67
Diluted	\$	(0.25)	\$	(0.16)	\$	(4.42)	\$	(0.95)	\$	(0.52)	\$	(6.67
Weighted-average shares used in computing net loss per share of common		` `		, ,		` '		, ,		, ,		· ·
Basic		436,888		424,704		288,793		432,973		404,259		252,144
Diluted		436.888		424.704		288,793		432.973		409.509		252.14

## QuantumScape Corporation Consolidated Statements of Cash Flows (Unaudited) (In Thousands)

	Thre	Months Ended December 31,					Twelve Months Ended December 31,					
	2022		2021		2020		2022		2021		2020	
Operating activities		· ·										
Net loss	\$ (109,053)	\$	(67,227)	\$	(1,276,605)	\$	(411,896)	\$	(45,977)	\$	(1,681,78	
Adjustments to reconcile net loss to net cash used in operating activities:												
Depreciation and amortization	9,305		3,575		2,135		28,280		11,207		6,85	
Amortization of right-of-use assets and non-cash lease expense	2,172		902		314		7,843		3,492		1,22	
Amortization of premiums and accretion of discounts on marketable securities	(515)		2,790		989		3,989		11,845		1,20	
Stock-based compensation expense	34,125		16,165		7,771		127,110		52,175		17,02	
Change in fair value of convertible preferred stock warrant liabilities	_		_		11,818		_		_		20,76	
Change in fair value of convertible preferred stock tranche liabilities	_		_		652,745		_		_		999,86	
Change in fair value of assumed common stock warrant liabilities	_		_		581,863		_		(168,674)		581,86	
Impairment of fixed assets	5,889		_		_		13,695		_		-	
Other	366		675		3		840		899			
Changes in operating assets and liabilities:												
Prepaid expenses and other assets	(345)		(7,271)		(9,157)		5,048		(4,852)		(9,64	
Accounts payable, accrued liabilities and accrued compensation	(3,905)		5,817		1,253		5,611		13,178		2,44	
Other long-term liabilities	200		_		_		2,300		_		-	
Operating lease liability	(1,155)		(34)		(279)		(844)		(1,202)		(1,08	
Net cash used in operating activities	(62,916)		(44,608)		(27,150)		(218,024)		(127,909)		(61,26	
Investing activities	( , , , ,		, , , , , ,		( , ,		( .,.,		, , , , , ,			
Purchases of property and equipment	(37,841)		(44,782)		(10,181)		(158,845)		(127,178)		(24,09	
Proceeds from maturities of marketable securities	203,020		283,220		11,000		837,410		894,225		99,00	
Proceeds from sales of marketable securities	_		51.765		14.006		15,105		224.058		14.00	
Purchases of marketable securities	(167,304)		(270,772)		(840,928)		(569,551)		(1,376,939)		(891,56	
Net cash (used in) provided by investing activities	(2,125)		19.431		(826,103)		124,119		(385,834)		(802,64	
Financing activities	( , , ,				(,,				(,,			
Proceeds from exercise of stock options and employee stock purchase plan	2.473		6.447		279		9.407		17,779		59	
Proceeds from exercise of warrants	_		_		_		_		151,431		_	
Proceeds from issuance of common stock, net of issuance costs paid	_		_		_		_		462,926		_	
Proceeds from issuance of Series F preferred stock, net of issuance costs	_		_		176,670		_		_		176,46	
Proceeds from issuance of Class A Common Stock pursuant to Legacy QuantumScape					,						,	
Series F Preferred Stock Purchase Agreement, net of issuance costs												
	_		_		99.800		_		99.930		99.80	
Business Combination, net of issuance costs paid	_		_		679,147		_		(1,016)		676,86	
Principal payment for finance lease, net of credit	_		297		_		(809)		5.507		_	
Net cash provided by financing activities	2.473		6.744	_	955.896		8,598		736,557	_	953.72	
Net increase (decrease) in cash, cash equivalents and restricted cash	(62,568)		(18,433)		102,643		(85,307)		222.814		89.81	
Cash, cash equivalents and restricted cash at beginning of period	315,484		356,656		12,766		338,223		115,409		25,59	
Cash, cash equivalents and restricted cash at end of period	\$ 252,916	S	338,223	S	115,409	\$	252,916	\$	338,223	S	115,40	
Supplemental disclosure of cash flow information		Ť		Ť		Ť		Ť		Ť	,	
Cash paid for interest	\$ 403	s	92	\$	_	\$	1.610	\$	330	\$	_	
Fair value of assumed common stock warrants exercised	\$ 403	S	J2	\$		S	1,010	\$	521.025	\$		
Purchases of property and equipment, not yet paid	\$ 18.192	S	11.073	S	4.170	\$	18.192	\$	11.073	S	4.17	
Business Combination transaction costs, accrued but not paid	\$ 10,132	S	,010	S	1.016	S	.0,132	\$	.1,070	S	1.01	
Net assets assumed from Business Combination	\$ — \$ —	S		S	592	S		\$		S	59	

#### **Net Loss to Adjusted EBITDA**

Adjusted EBITDA is a non-GAAP supplemental measure of operating performance that does not represent and should not be considered an alternative to operating loss or cash flow from operations, as determined by GAAP. Adjusted EBITDA is defined as net income (loss) before interest expense, non-controlling interest, revaluations, impairments, stock-based compensation and depreciation and amortization expense. We use Adjusted EBITDA to measure the operating performance of our business, excluding specifically identified items that we do not believe directly reflect our core operations and may not be indicative of our recurring operations. Adjusted EBITDA may not be comparable to similarly titled measures provided by other companies due to potential differences in methods of calculations. A reconciliation of Adjusted EBITDA to net loss is as follows:

(\$ in Thousands) (unaudited)				Months Ended	l			Twelve Months Ended December 31,					
		2022		2021		2020		2022		2021		2020	
GAAP net income (loss) attributable to Common Stockholders	\$	(109,066)	\$	(67,226)	\$	(1,276,605)	\$	(411,907)	\$	(45,966)	\$	(1,681,777)	
Interest expense (income), net		(4,500)		140		11,687		(8,506)		(464)		19,672	
Other expense (income), net		119		(50)		_		(216)		(151)		(760)	
Change in fair value of assumed common stock warrant liabilities		_		_		581,863		_		(168,674)		581,863	
Change in fair value of Series F convertible preferred stock tranche		_		_		652,867		_				999,987	
Net gain (loss) attributable to non-controlling interests		13		(1)		_		11		(11)		(6)	
Stock-based compensation		34,125		16,165		7,771		127,110		52,175		17,024	
Impairment of fixed assets and cancellation charges		5,203		_		_		16,457		_			
Non-GAAP operating loss	\$	(74,106)	\$	(50,972)	\$	(22,417)	\$	(277,051)	\$	(163,091)	\$	(63,997)	
Depreciation and amortization expense		9,305		3,575		2,135		28,280		11,207		6,851	
Adjusted EBITDA	\$	(64,801)	\$	(47,397)	\$	(20,282)	\$	(248,771)	\$	(151,884)	\$	(57,146)	

### Management's Use of Non-GAAP Financial Measures

This letter includes certain non-GAAP financial measures as defined by SEC rules. These non-GAAP financial measures are in addition to, and not a substitute for or superior to, measures of financial performance prepared in accordance with U.S. GAAP. There are a number of limitations related to the use of these non-GAAP financial measures versus their nearest GAAP equivalents. For example, other companies may calculate non-GAAP financial measures differently or may use other measures to evaluate their performance, all of which could reduce the usefulness of our non-GAAP financial measures as tools for comparison. We urge you to review the reconciliations of our non-GAAP financial measures to the most directly comparable U.S. GAAP financial measures set forth in this letter, and not to rely on any single financial measure to evaluate our business.

### **Forward-Looking Statements**

This current report contains forward-looking statements within the meaning of the federal securities laws and information based on management's current expectations as of the date of this current report. All statements other than statements of historical fact contained in this current report, including statements regarding the future development of the Company's battery technology, the anticipated benefits of the Company's technologies and the performance of its batteries, plans and objectives for future operations, forecasted cash usage, including spending and investment, are forward-looking statements. When used in this current report, the words "may," "will," "estimate," "pro forma," "expect," "plan," "believe," "potential," "predict," "target," "should," "would," "could," "continue," "project," "intend," "anticipates," "seek," "working toward," "embarking" 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. These forward-looking statements are based on management's current expectations, assumptions, hopes, beliefs, intentions, and strategies regarding future events and are based on currently available information as to the outcome and timing of future events.

These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results. Many of these factors are outside the Company's control and are difficult to predict. Factors that may cause such differences include, but are not limited to ones listed here. The Company faces significant barriers in its attempts to produce a solid-state battery cell and may not be able to successfully develop its solid-state battery cell. Building high volumes of multilayer cells in commercially relevant area and with higher layer count requires substantial development effort. The Company could encounter significant delays and/or technical challenges in replicating the performance seen in its single-layer and early multilayer cells, in achieving the high quality, consistency and throughput required for commercial production and sale (e.g., unanticipated contamination issues), and in developing a cell architecture that meets all the technical requirements and be produced at low cost. The Company has encountered delays and other obstacles in acquiring, installing and operating new manufacturing equipment for automated and/or continuous-flow processes, including vendor delays (which we have already experienced) and other supply chain disruptions and challenges optimizing complex manufacturing processes. The Company may encounter delays in hiring the engineers it needs to expand its development and production efforts, delays in building out QS-0, and delays caused by the COVID-19 pandemic. Delays in increasing production of engineering samples have slowed the Company's development efforts. These or other sources of delay could delay our delivery of A-samples and B-samples. Delays or difficulties in meeting technical milestones could cause prospective customers and joint venture partners not to purchase cells from our pre-production line or not to proceed with a manufacturing joint venture. The Company may be unable to adequately control the costs associated with its operations and the components necessary to build its solid-state battery cells at competitive prices. The Company's spending may be higher than currently anticipated. The Company may not be successful in competing in the battery market industry or establishing and maintaining confidence in its long-term business prospects among current and future partners and customers. The Company is at an early stage of testing its battery technology for use in consumer electronics applications, and we may discover technical or other hurdles that impede our ability to serve that market. If the Company is not successful in the Section 205 proceeding currently pending at the Delaware Court of Chancery as described on the Forms 8-K filed on February 9 and February 13, 2023, the uncertainty with respect to the Company's capitalization could have a material adverse impact on the Company, including on the Company's ability to regularly access the capital markets to fund its ongoing business and financial needs or issue stockbased compensation to its employees, directors and officers. The Company cautions that the foregoing list of factors is not exclusive. The Company cautions readers not to place undue reliance upon any forwardlooking statements, which speak only as of the date made.

Except as otherwise required by applicable law, the Company disclaims any duty to update any forward-looking statements. Should underlying assumptions prove incorrect, actual results and projections could differ materially from those expressed in any forward-looking statements. Additional information concerning these and other factors that could materially affect the Company's actual results can be found in the Company's periodic filings with the SEC. The Company's SEC filings are available publicly on the SEC's website at <a href="https://www.sec.gov">www.sec.gov</a>.