NXU, INC.

## LD Micro Invitational XIII

JUNE 6, 2023



ANNIE PRATT | PRESIDENT & DIRECTOR

MARK HANCHETT | FOUNDER, CHAIRMAN & CEO



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Our vision is to enable a future where energy is abundant and easily accessible so that electric mobility is viable across all market segments.





## Overview WE ARE NXU<sup>™</sup>

#### What We Do

We design and domestically manufacture battery cells and packs, megawatt charging stations, and residential / commercial energy storage systems.

#### **Market Focus**

Today Tomorrow Energy & Infrastructure Mobility

#### **Target Industries**

Commercial & Residential Energy Storage Railway Transportation
Automotive OEMs eVTOL & Aviation
Mining & Construction Marine & Maritime

#### ADDITIONAL INFORMATION (01)

NXU, Inc.	
FOUNDED	2016
TICKER	NXU
EXCHANGE	Nasdaq
LISTING DATE	9.27.2022
COMPANY SIZE	144
PATENTS (INCLUDING PENDING)	38
HEADQUARTERS	Mesa, AZ

Nxu<sup>™</sup> 2023



## Leadership

**Mark Hanchett** 



**Annie Pratt** 





FOUNDER / CEO / BOARD CHAIRMAN



**Apoorv Dwivedi** 



Jordan Christensen

PRESIDENT / BOARD DIRECTOR

CHIEF LEGAL OFFICER



**Benoit Le Bourgeois** VP OF USER EXPERIENCE













**Srinivas Jasthi** VP OF SOFTWARE



Sarah Wyant VP OF FINANCE







**Britt Ide** 

INDEPENDENT BOARD DIRECTOR



**Caryn Nightengale** 







## **Total Addressable Market**

\$225 billion by 2030(02)

\$182 billion by 2030(03)

\$394 billion
by 2030(04)

Nxu<sup>™</sup> 2023



## Nxu<sup>™</sup> Solutions

CRITICAL NEED	CURRENT AVAILABILITY	IMPORTANCE	DU.
<ul><li>Battery</li><li>Capacity &amp;</li><li>Range</li></ul>		HIGH	<b>√</b>
Charging Infrastructure	*	HIGH	<b>√</b>
➤ Energy Storage	×	HIGH	$\checkmark$

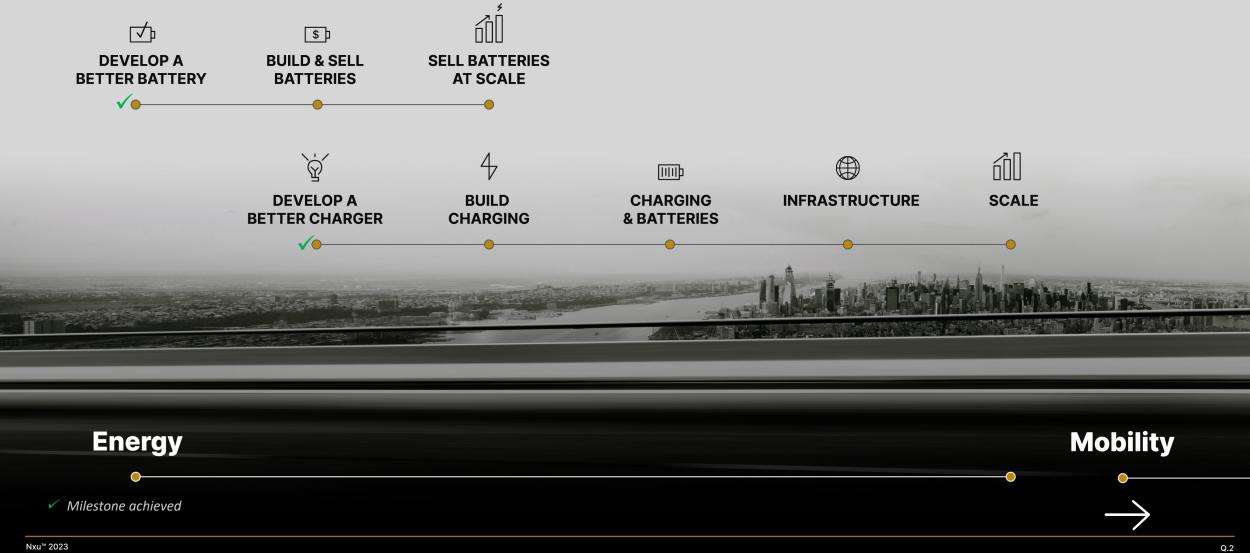
Designed to address shortcomings in existing EV infrastructure and remove critical barriers to adoption in commercial and industrial markets.

Inadequate

Needs Improvement



## **Our Strategy**





## Milestone Driven GTM Strategy

GENERATES REVENUE AT EVERY STEP | DE-RISKS STEPS AND ADDS INCREMENTAL VALUE AT EVERY MILESTONE

#### **Crawl** – Launch Energy Products

- · First Cell & Pack Deliveries
- Pilot Production in Process
- · Ready for Mass Production
- Launch Megawatt+ Charging Station
- Market Subscription-based energy-as-a-service

#### Walk - Scale Battery Cell & Pack Production

- Targeting 1 MWh per day energy capability
- Expand Megawatt+ Charger footprint
- · Deploy initial BESS solutions

Targeting 4.5MW power capability

#### Run - Deploy Energy Infrastructure Solutions

- Gigafactory-level production
- Continue build-out of Megawatt+ charging network
- Scale energy storage-as-a-service

- Maintenance & services
- Data collection, analytics & client decision support

- Connected and integrated software to manage solutions
- Over The Air (OTA) Updates & Cloud Services

#### **Leap** – Expansion of the NXU Ecosystem

Nxu<sup>™</sup> 2023



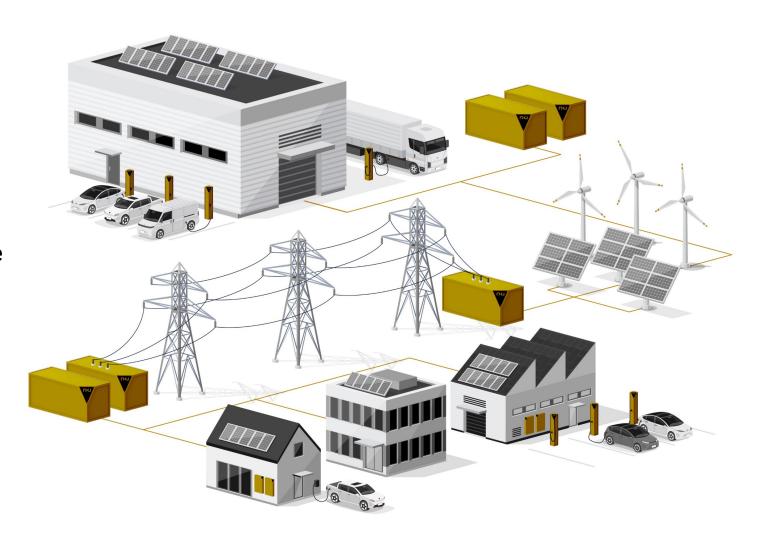
## **Our Ecosystem**

Nxu<sup>™</sup> Energy Storage + Megawatt<sub>+</sub> Charging Infrastructure

**AUGMENT THE GRID** 

STORAGE FOR RENEWABLE ENERGY SOURCES

SUSTAINABLE BACK-UP POWER ON-DEMAND





# Our Ecosystem VERTICALLY INTEGRATED











FOUNDATIONAL TO ENERGY STORAGE

Nxu™ 2023 Q.2



## **Energy Storage Solutions**

MODULAR & SCALABLE

#### Nxu™ QCell Technology

MADE IN ARIZONA

NMC811 CHEMISTRY

9-MIN CHARGE TIME IN DEVELOPMENT

YIELDS UP TO 20% MORE PACK DENSITY

#### Nxu™ Qube Battery Pack

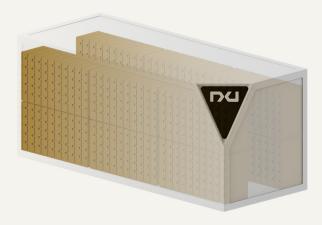
30 KWH BATTERY PACK

HIGH ENERGY DENSITY

**BEST-IN-CLASS THERMAL MANAGEMENT** 

### Nxu™ Qube+ Energy Storage

**COMMERCIAL ENERGY STORAGE SYSTEM** SUBSCRIPTION-BASED ENERGY-AS-A-SERVICE



















## QCell

NXU™ FOUNDATION | DIFFERENTIATED & HIGH PERFORMING

## **Optimal Design**

HIGHEST MECHANICAL ENERGY DENSITY

## Up to 8x Lower

HEAT TRANSFER

As Low As 2C

LOWER TEMP DELTA



MADE IN ARIZONA

**BMS • BUS • Thermal** 

FEWER PARTS



Qube BATTERY PACK

> 306V DISCHARGE LIMIT

30 kWh USABLE CAPACITY

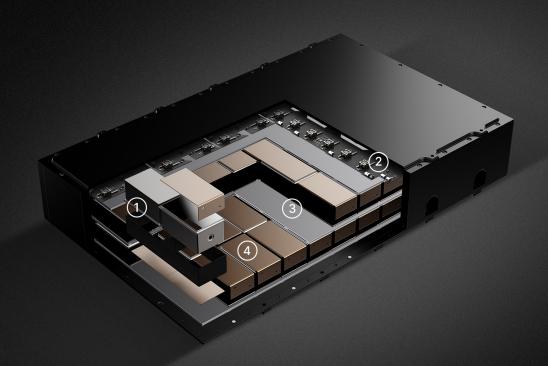
15-Minute REPEATABLE CHARGING

Reduced Complexity
NO EXTERNAL PUMPS, RADIATORS, HOSES, VALVES





### Qube BATTERY PACK



#### PACK STRUCTURE

- 1. QCell: Energy dense powerhouse of the pack.
- 2. Active BMS: Controls cycle life, heals cells, and leveraged excess heat to support charging or conditioning.
- 3. Active Thermal Management: Decreases charge time while increasing reliability.
- 4. Cell-to-Pack (CTP) Assembly:
  Designed as one module, CTP
  optimizes Wh/kg through direct cell
  integration.

Nxu<sup>™</sup> 2023



Megawatt+ Charger
BACKWARDS COMPATIBLE & FUTURE PROOF



# Megawatt+ ADVANCED CHARGING

## World's First

DEMONSTRATED MW+ CHARGING

## **Universal Design**

NO SPECIFIC PROTOCOLS

The only dual tech solution supporting DC up to 1.5MW and AC up to 50kW 3-phase charging





## Qube+

ENERGY STORAGE BEYOND VEHICLES & EQUIPMENT

### **BESS**

RESIDENTIAL APPLICATION

## **BESS**

COMMERCIAL APPLICATION

## Micro-Grid

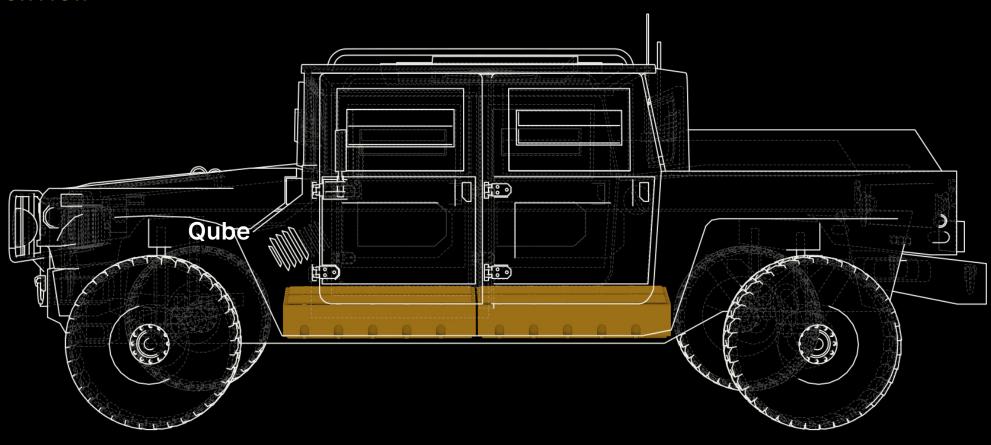
OFF-GRID ENERGY STORAGE

Consistent energy storage solution leveraging sustainable power to decrease the effects or risks of outages



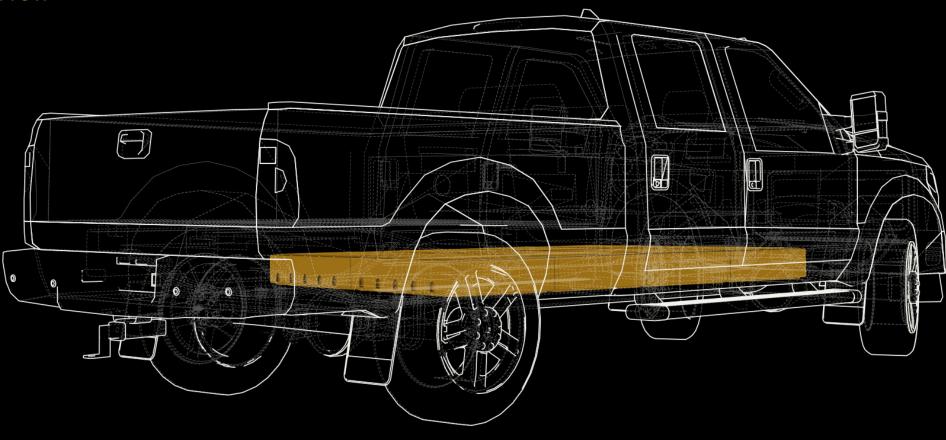


# Qube APPLICATION





# Qube APPLICATION





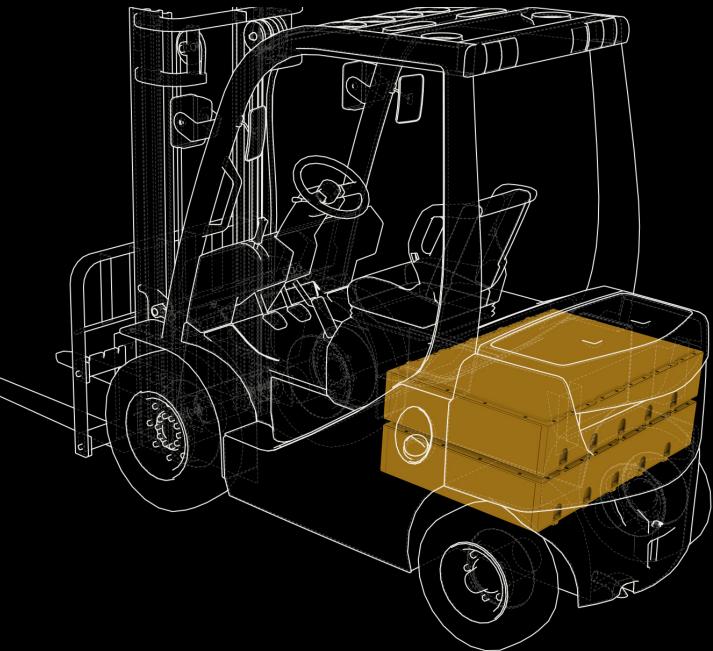
Qube APPLICATION



Nxu™ 2023 Q.2

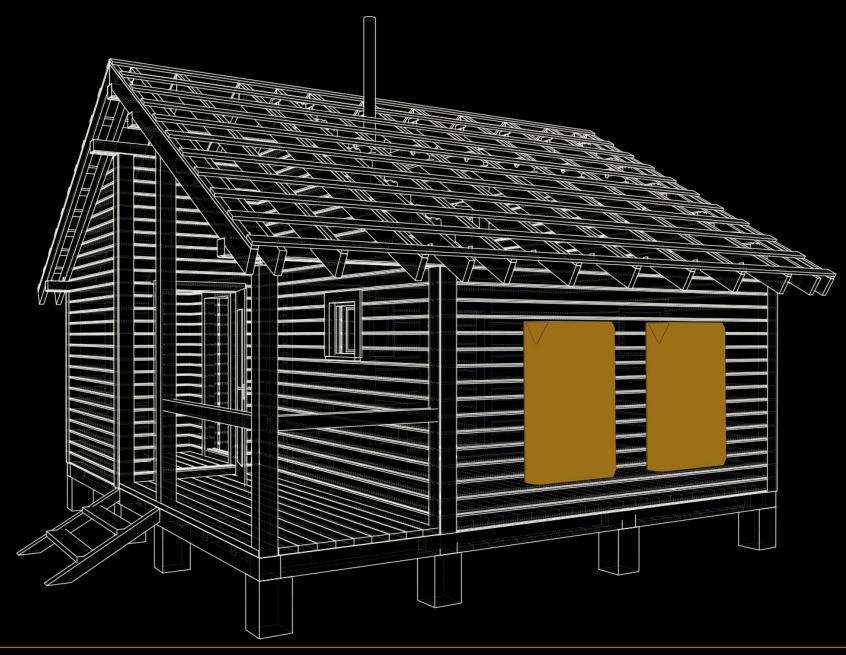


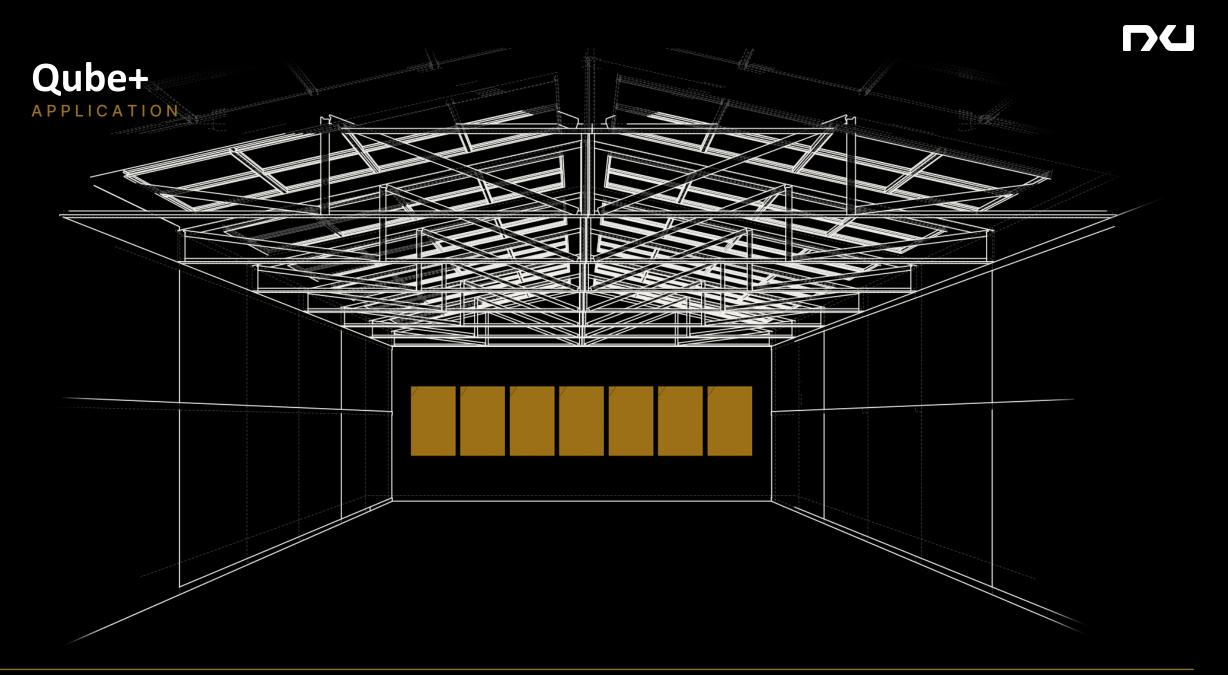




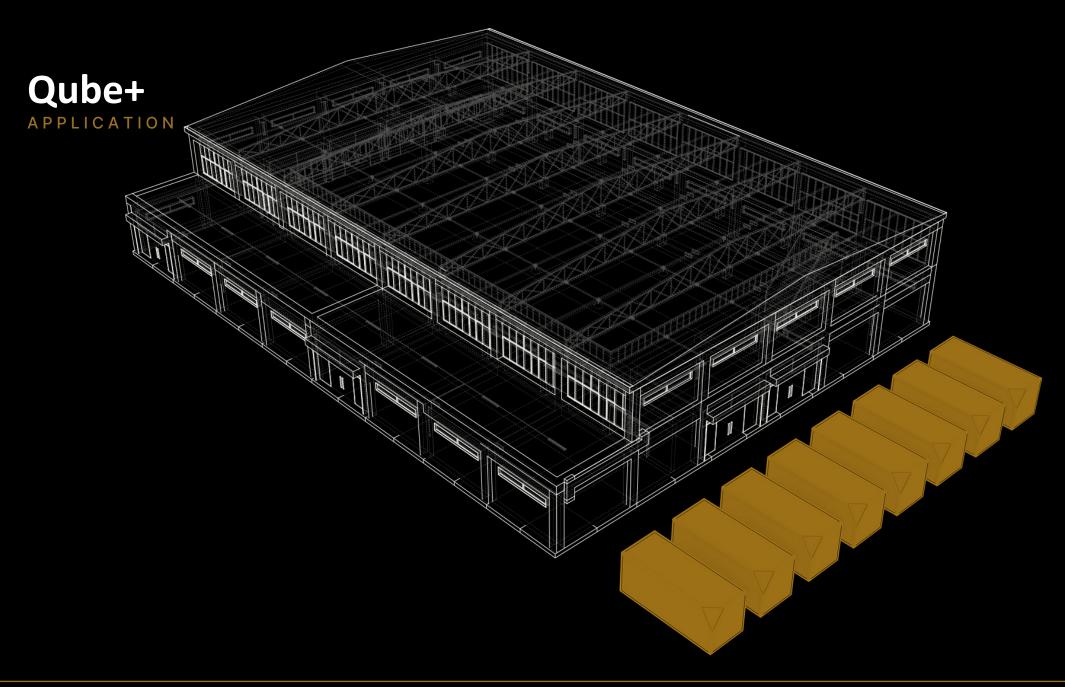


Qube+
APPLICATION











## Thank You!











## **Appendix**

01	Information represented as of June 1, 2023.
02	Polaris Market Research
03	Acumen Research & Consulting
04	Acumen Research & Consulting
05	Nxu™ QCell & Qube are in the Design Verification & Test (DVT) Phase.
06	Nxu™ QCell is currently in Production Verification & Test (PVT) Phase.
07	Nxu™ Megawatt+ Charger currently in Design Verification & Test (DVT) Phase
08	Nxu™ Megawatt+ Charger portable prototype.
09	Nxu™ Megawatt+ Charger handle prototype.
10	Nxu™ Qube+ portable prototype.