
zooz
Enabling
Ultra-Fast
EV Charging
Anywhere
September 2023

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We develop,
manufacture & market

revolutionary

Power Boosters

Enabling & accelerating
widespread
deployment of

EV ultra-fast charging.
Today. Anywhere.
For Good.

zooz

Enabling Today Ultra-Fast Charging Anywhere

Watch movie at: ZOOZ - Boost for Good - YouTube


The EV revolution
is accelerating

Transition of Charging Infrastructure

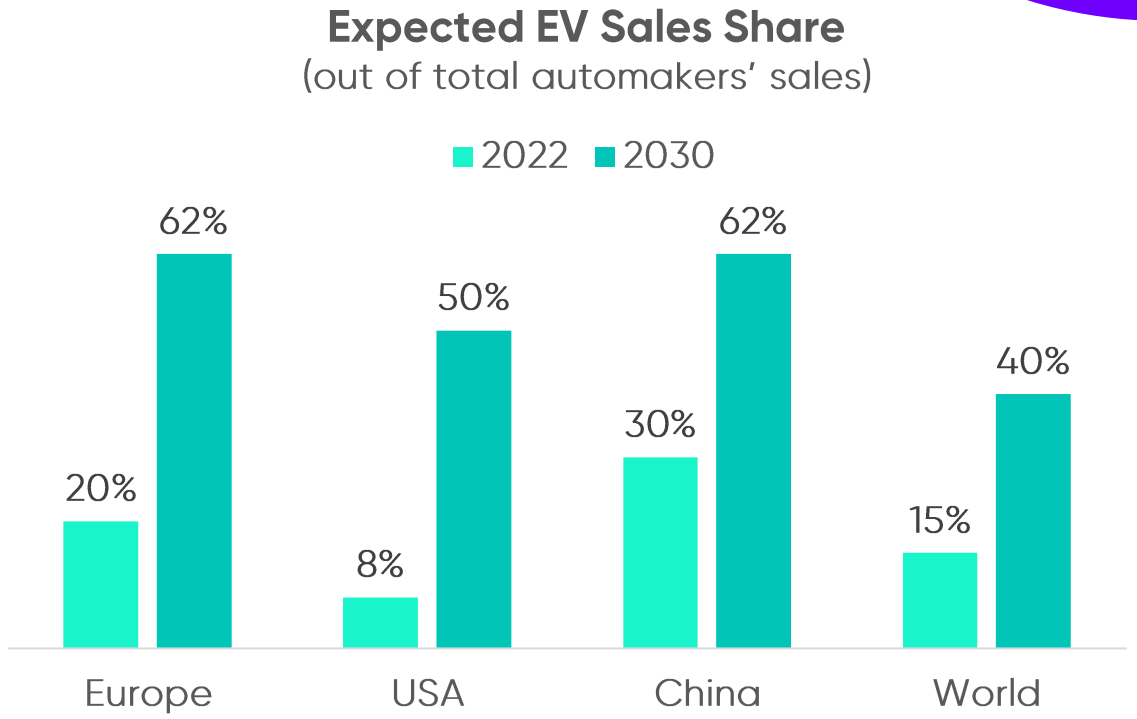
Market is moving from Private (slow) charging to Public Ultra-fast Charging
➡ Realizing Grid's Power-Limitations

Public Charging Infrastructure is **critical** to enable transition to EVs

New car models - **Ultra-fast** Charging **becomes a MUST**

Public Charging infrastructure is **moving to Ultra-fast Charging**

Increasing awareness to **grid limitations & demand charges**



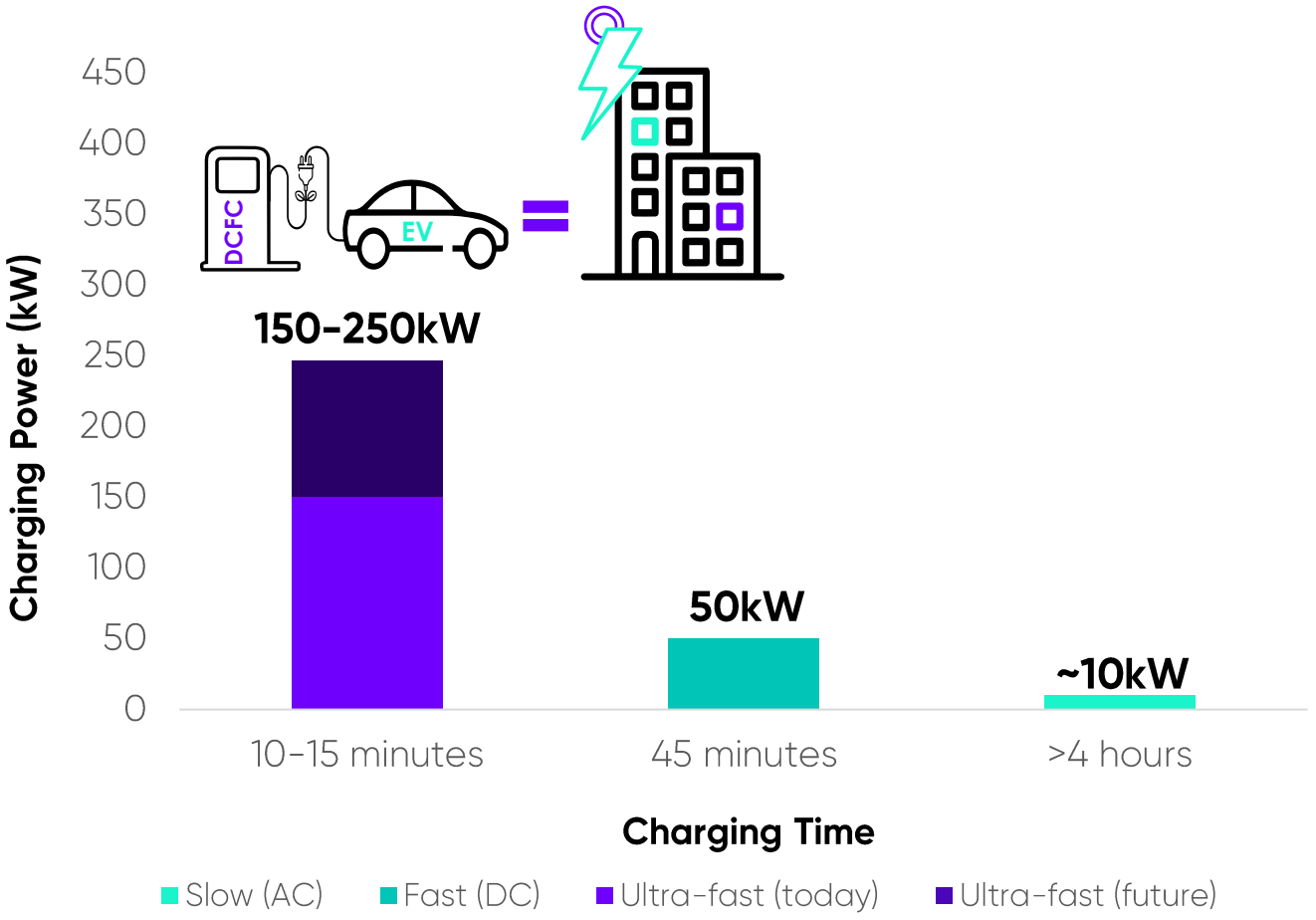
Source: IEA EV Global Outlook 2023, Announced Pledges Scenario (2030)

Ultra-fast charging is critical to enable the transition to EVs

But grid infrastructure cannot support it

Existing Electric Grid Cannot Support EV Ultra-Fast Charging

An EV charged in less than 15 min. consumes electrical power equivalent to that of a multistory building



THE NEED

EV owners expect a "fueling-like" ultra-fast charging experience.

Ultra-fast charging infrastructure is critical to enable EV mass adoption

THE GAP

Ultra-fast charging requires **HUGE** power surge, but existing grid is power-limited.

Grid upgrades are costly, complex and cannot be executed at required pace

Enabling Widespread Ultra-Fast Charging. Today.

The Need

- Limited-Power Grid
- Long wait & high cost of grid upgrade

- Long Charging Sessions
- Long Waiting for available charger
- Skipped Charging Sessions
- High Demand Charges

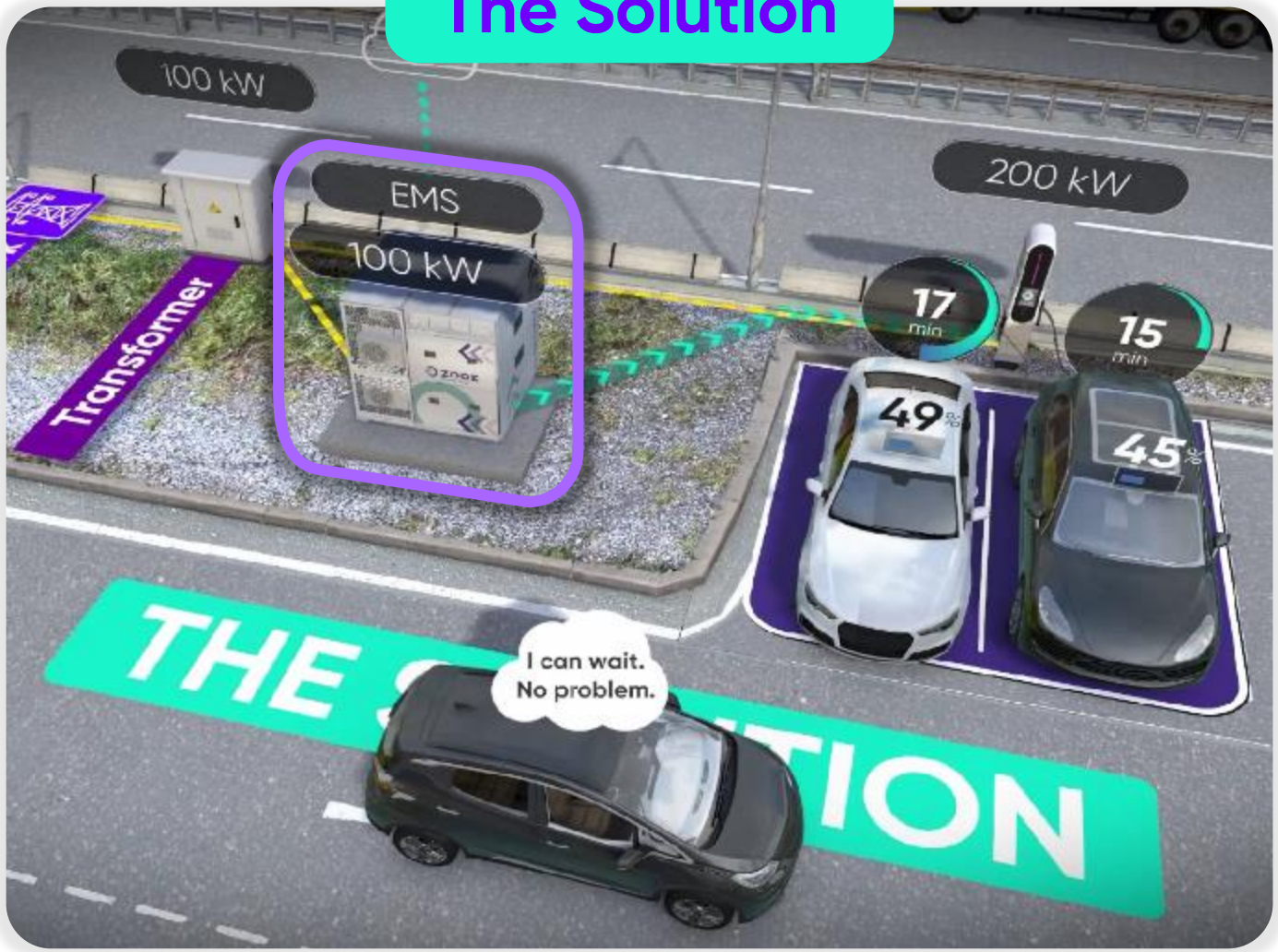
Lost Business, Limited profitability
Dissatisfied Customers

Enabling Widespread Ultra-Fast Charging. Today.

Enables Ultra-Fast Charging, even at power-limited grid

Enabling Widespread Ultra-Fast Charging. Today.

The Solution



Limited grid is boosted by the ZOOZTER™-100

Shorter Charging Sessions

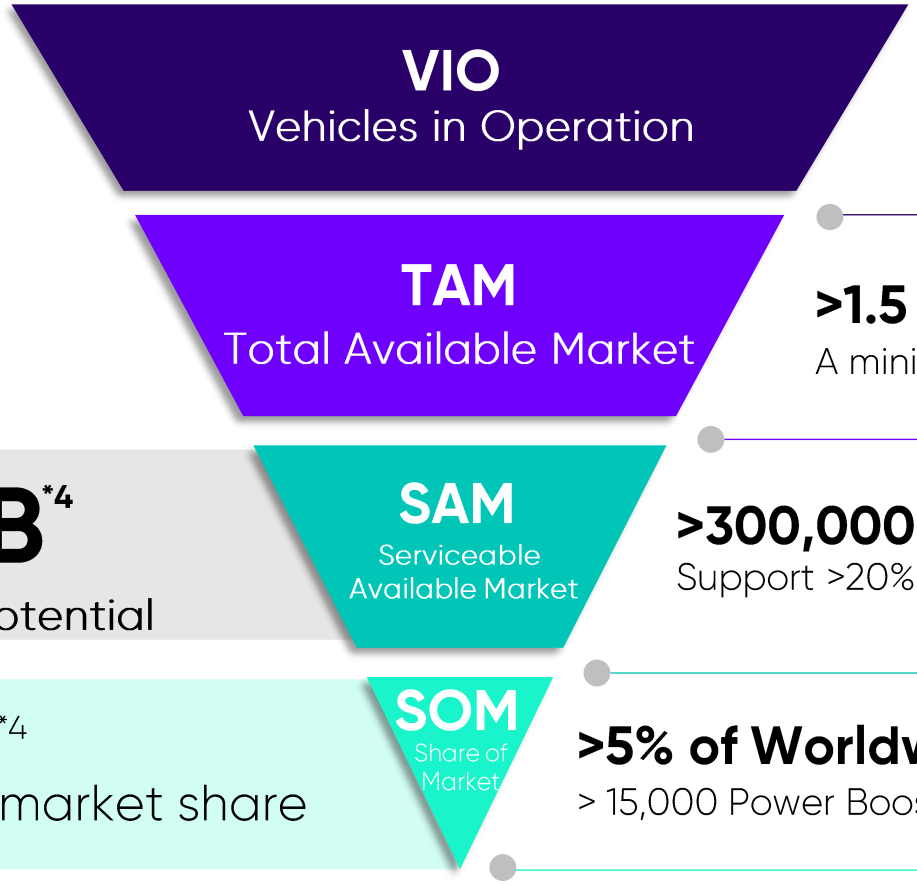
More charged cars per day, More Sales

Avoiding / Deferring grid upgrade

minimizing demand charges

More Revenues, Greater Profitability
Higher Customers' Satisfaction

Market Opportunity



>150 Million EVs [*1]
Forecasted to populate the roads, globally, by 2030

>1.5 Million Fast-Charging ports [*2]
A minimum of 1 Fast-Charging port per 100 EVs

>300,000 Power Boosters [*3]
Support >20% of Fast-charging ports

>5% of Worldwide Market
> 15,000 Power Boosters delivered in ~10 years

>$60B [*4]
Accumulated Market Potential

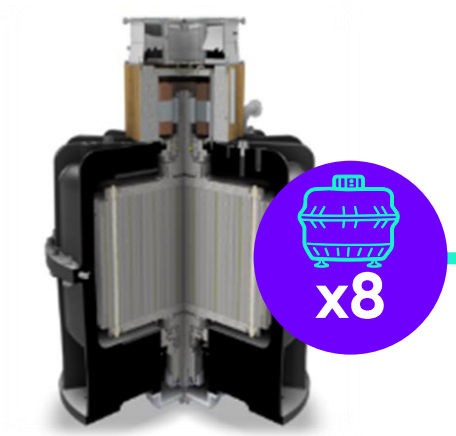
>$3B [*4]
ZOOZ accumulative market share

ZOOZ – First to market with a non-Batteries, proven, & cost-effective Power Booster

Note: The provided information is forward looking as defined in Securities Law, section 32A. It may not be materialized as presented.

*1 Bloomberg NEF – Electric Vehicle Outlook 2022 *2 Recharge EU p.32
*3 Based on ZOOZ's customer input *4 Company forecast, of accumulated potential by 2033

The Kinetic Power Booster ZOOZTER™-100



ZOOZ
Flywheel

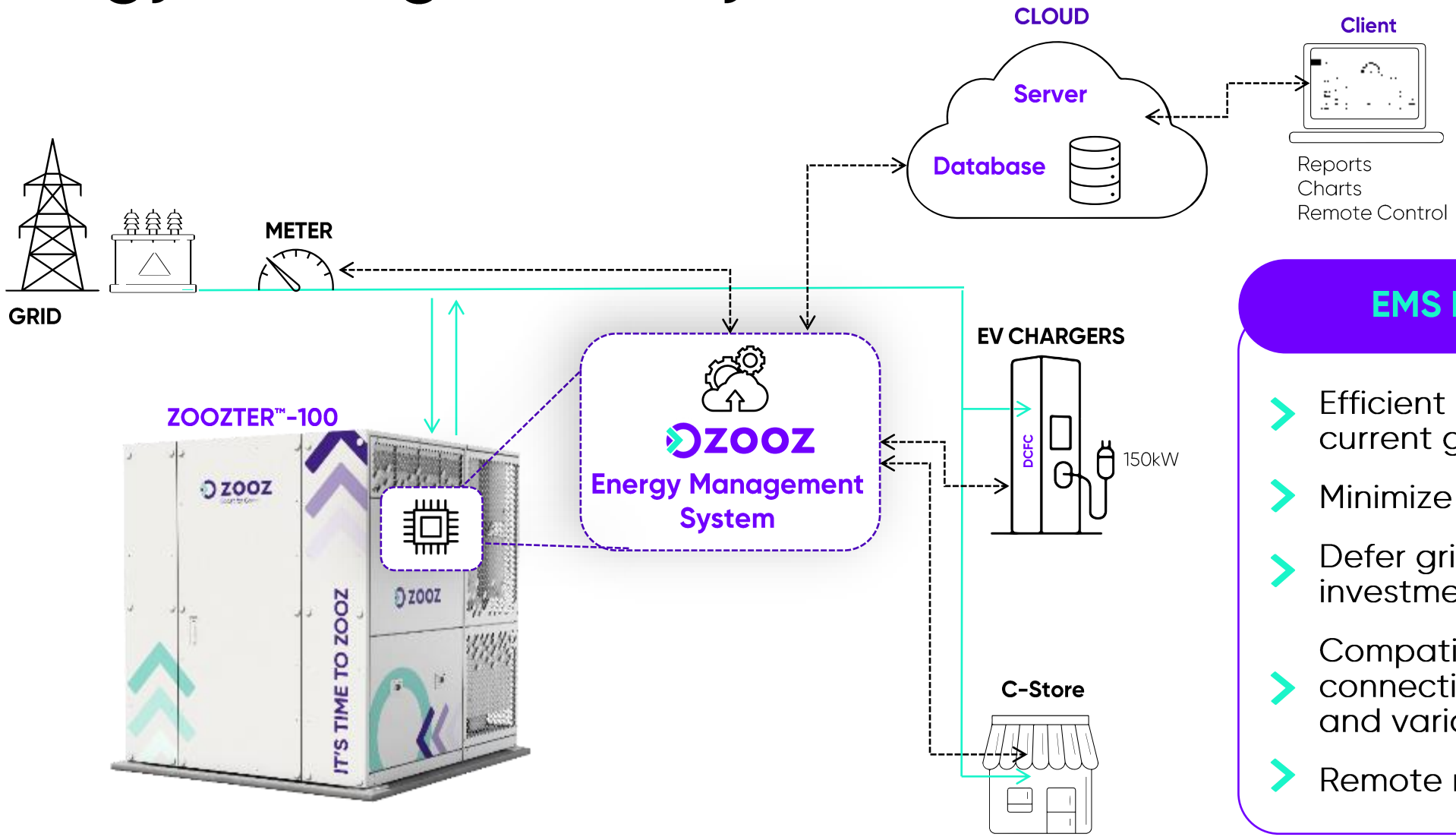
Enabling & Accelerating Ultra-Fast EV Charging

- Innovative patented Flywheels technology
- Sustainable- Non-chemical
- High Power
- High - Performance
- Cost Effective
- Flexible & Modular
- Durable & Reliable
- Safe (CE & UL Cert.)

ZOOZTER™-100 – All-in-one Integrated System

- Complies with CE and UL applicable standards
- Agnostic to grid and charger vendor
- Quick site integration
- Flexible re-deployment

Energy Management System



EMS Benefits

- Efficient use of the current grid
- Minimize demand charges
- Defer grid upgrade investment
- Compatibility and connectivity to other EMS and various chargers
- Remote monitoring

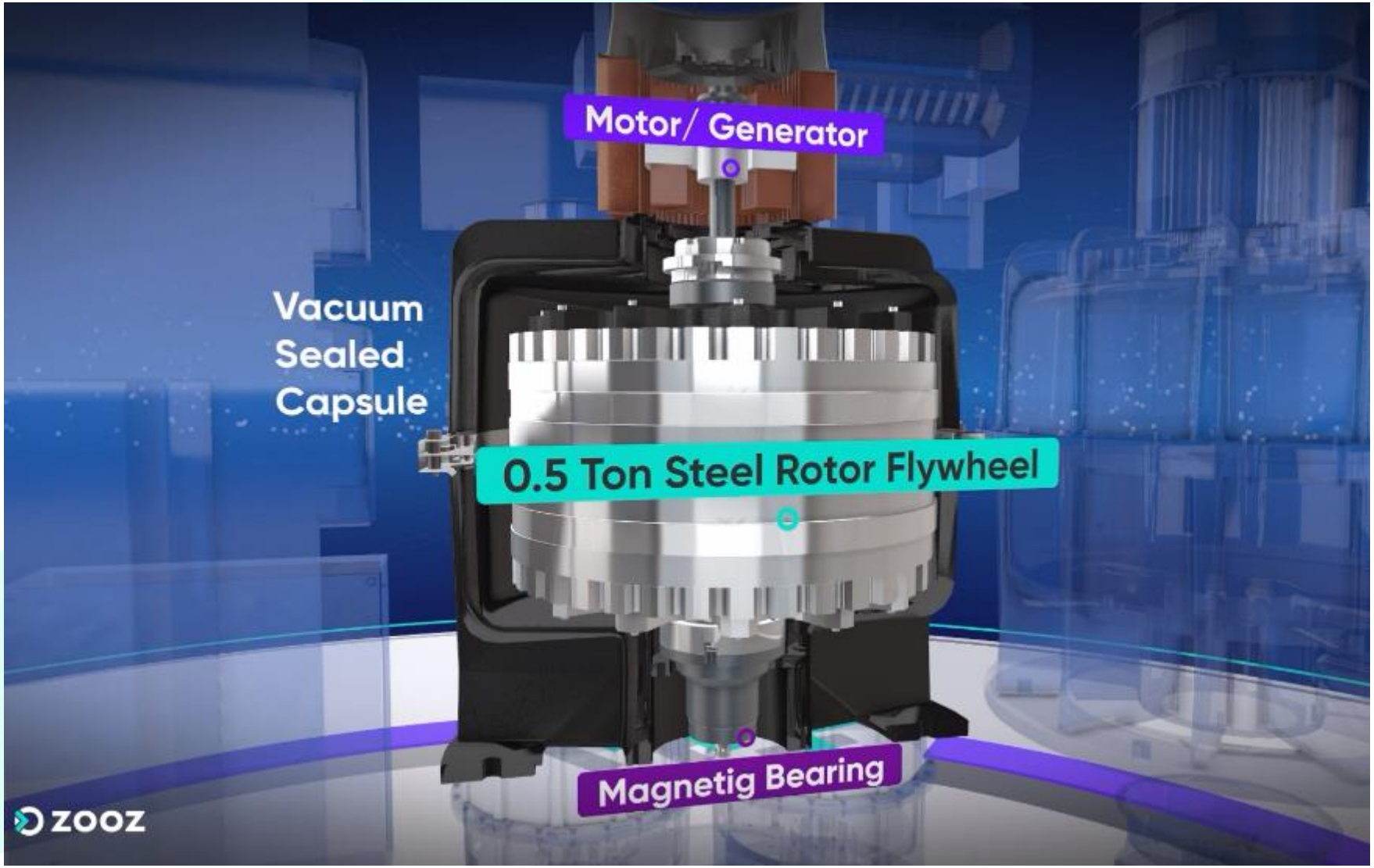
Enabling Widespread Ultra-Fast Charging. Today.

Scalable Solution

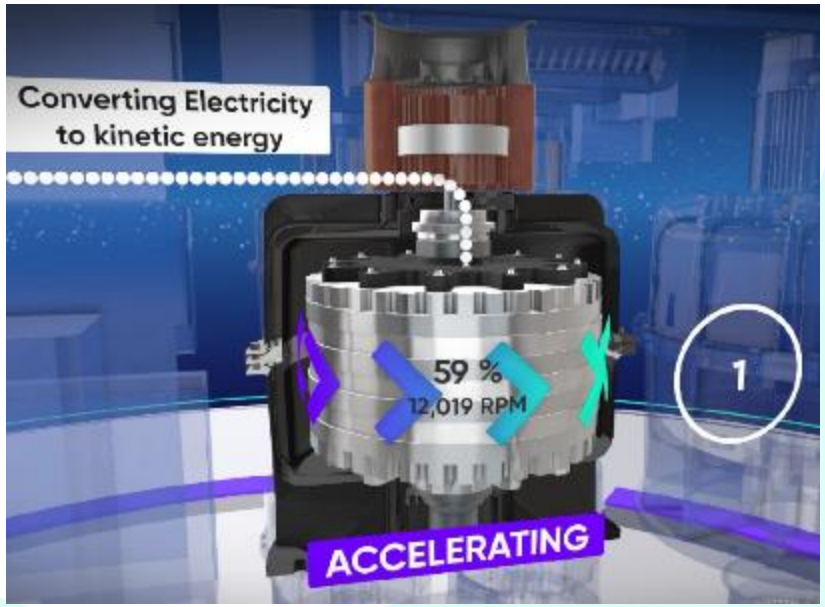
Accelerating Ultra-Fast EV Charging

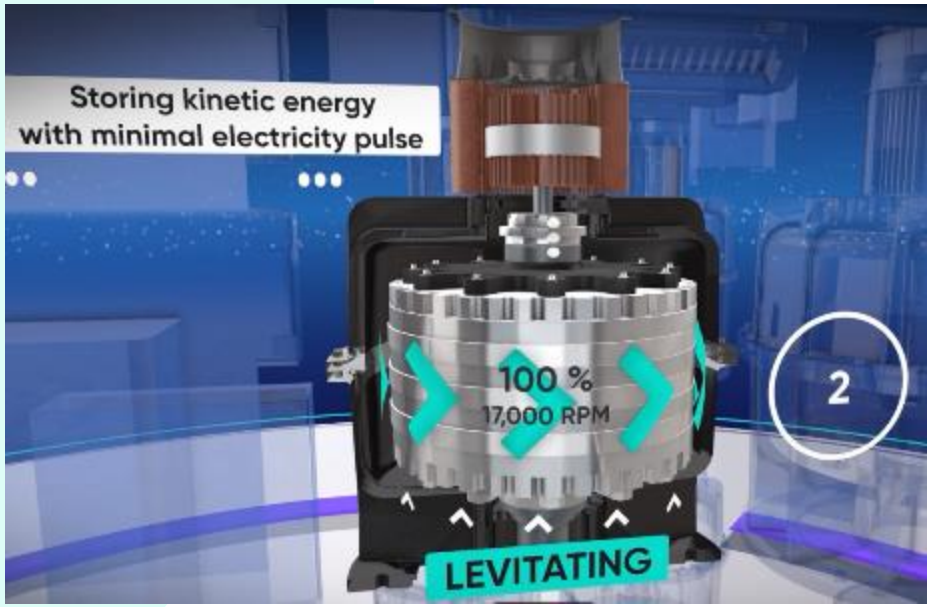
- Increase power supply as utilization grow
- Defer grid upgrade investment
- Faster "land grabbing" – Accelerate sales and expand market share
- Re-deployable asset to accelerate growth and transition to EVs

ZOOZ Flywheel – Mechanism of Action



ZOOZ Flywheel – Mechanism of Action





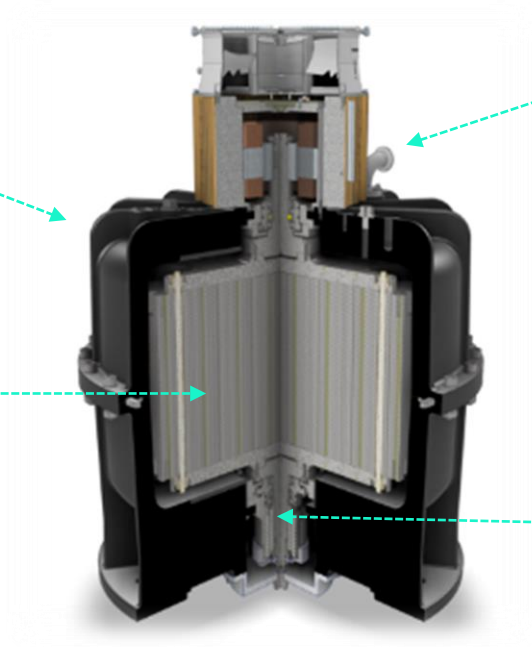
ACCELERATING
=
CHARGING
(converting electricity to)
Kinetic Energy

LEVITATING
=
STORING
Kinetic Energy

DECELERATING
=
DISCHARGING
Kinetic Energy
(converted to electricity)

Revolutionary Flywheel Technology

ZOOZ Flywheel



Cast Steel Housing
- Sealed to hold vacuum

High-Strength Steel Rotor
- 0.5 Ton rotor balanced at a precision level of a small Gyro.
- Inherently safe by design
- Cost-effective, recyclable
- Proprietary manuf. process geared to high-efficiency mass production

Proprietary Motor/Generator
- Unique high-speed, high-power, air-cooled, running in vacuum
- High efficiency, High reliability

Negligible Friction Configuration
- Magnetic Bearing - 3rd generation Halbach array
- Rotation in vacuum environment – minimizing air friction

Energy: 4.7kWh
Power: 12.5kW/15 min.
Weight: 650 kg
Speed: 17,000 RPM

Highly-mature, proven, unique Flywheel
- 26 registered patents + 2 pending

Flywheel-based Power Boosters vs. Li-ion Batteries Energy Storage

Performance & Cost over lifetime

Li-ion suffer from rapid aging, and performance degradation & significant variation in different environment conditions

ZOOZ FW allows >200,000 cycles, over 15 years lifespan, and operates agnostically to wide range of env. conditions.

Environment

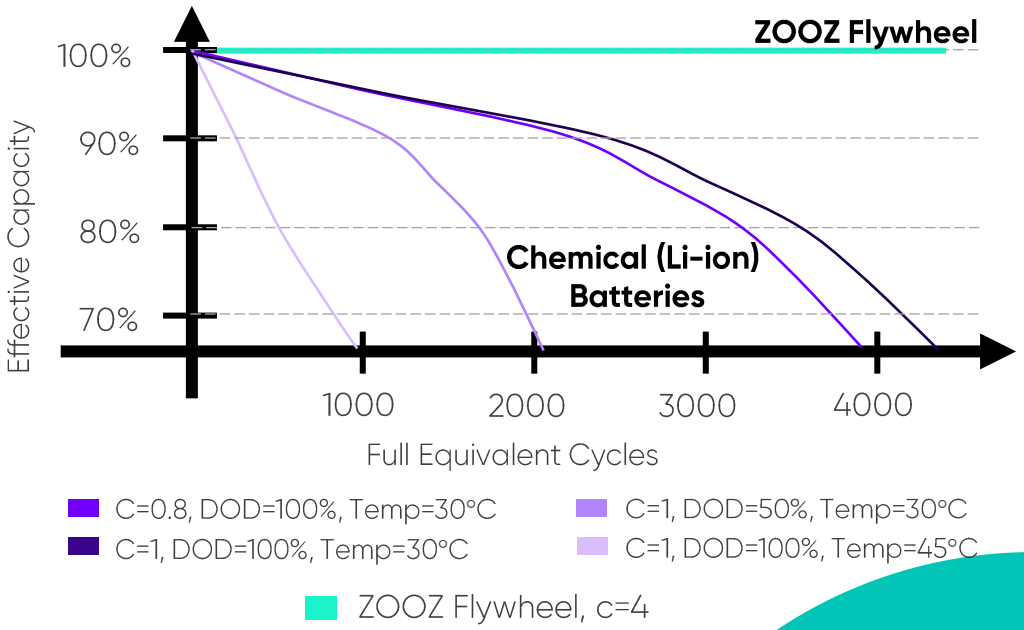
Li-ion – generates recycling Costs & Environmental footprint

ZOOZ Flywheel is environment-friendly and recyclable

Safety

Li-ion is flammable, based on toxic materials, causing safety hazards & limitations,

ZOOZ Flywheel is inherently safe, non-toxic, non-flammable



ZOOZ Flywheel technology – Optimized & a better fit (than Li-ion Batteries) **to EV ultra-fast charging use case**

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Competitive Landscape

Flywheel-based boosters

ZOOZ

LEVISTOR

PUNCH | Flybrid

ADAPTIVE Balancing Power

REVTERRA

TERA LOOP

Early-stage startups

Chargers with integrated battery

Battery-based Boosters

ALFEN

KREISEL

TESVOLT
THE ENERGY STORAGE EXPERTS

ROLLS ROYCE

ELECTRIC ERA

ZOOZ is FIRST to market with a mature Flywheel-based Power Booster –
Sustainable, long-lasting, cost-effective, agnostic to grid and charger

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Note: these are examples of competitors. Additional competitors are active

Enabling Today Ultra-Fast Charging Anywhere

Watch movie at: Meet the ZOOZTER™-100, first-of-its-kind kinetic power booster. - YouTube

Adding Value to Various Verticals & Use Cases

Benefits to CPO / Asset Owner

Faster & Cost-effective Chargers Deployment

- Avoid /defer grid upgrade
- Defer investment & Build infrastructure gradually with utilization increase
- Remain flexible and agnostic to chargers' vendor
- Re-deploy Power Boosters to accelerate land-grabbing

Maximize Site Profitability & Sales

- Start earlier charging services
- Better chargers' availability, leading to greater revenues
- More revenues in adjacent business (e.g. conv. store)
- Minimal maintenance and Total Cost of Ownership
- Minimal demand charges

Safer & Greener

Benefits to Fleet Operators

Faster & Cost-effective Fleet Electrification

- Avoid /defer grid upgrade
- Defer investment & Build infrastructure gradually with EV fleet increase
- Re-deploy Power Boosters to accelerate electrification of additional fleet's sites

Maximize Site Fleet Efficiency at Min. Costs

- Greater EV fleet availability
- Resilience to unexpected
- Longer lifetime of charging infrastructure with minimal Total Cost of Ownership
- Minimal demand charges

Safer & Greener

1st Commercially Operating Site in Israel

In cooperation with

דור אלון

afcon Electric Mobility Shlomo Group

Israel's leading ultra-fast charging network operators

Moving Forward in the European Market

- **Started commercial sales in Germany**
  First sites – launched and operating !
- Discussing collaboration
  with additional EU customers in
  Germany, Austria, Denmark, Spain, UK.

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** Company estimation, subject to changes*

Moving Forward in the US Market

- **Started commercial operation**
  as part of a Pilot with ARKO Corp.
  at a Scotchman Gas Station
  and Convenience store, in
  Rock Hill, South Carolina.
- Site to be used for demonstrations of the ZOOZTER™-100 solution

Moving Forward in the US Market

Coming Soon – 4 Pilots in the US

Coming Soon*

Operational

Car Rental Giant

@ La-guardia Airport, NY.

New York Power Authority

Largest US Utility

Q1/2024*

ARKO
A Family of Community Brands

At Rockhill, SC.

6th largest convenience stores network in the US

blink

At Ft. Lauderdale, FL.

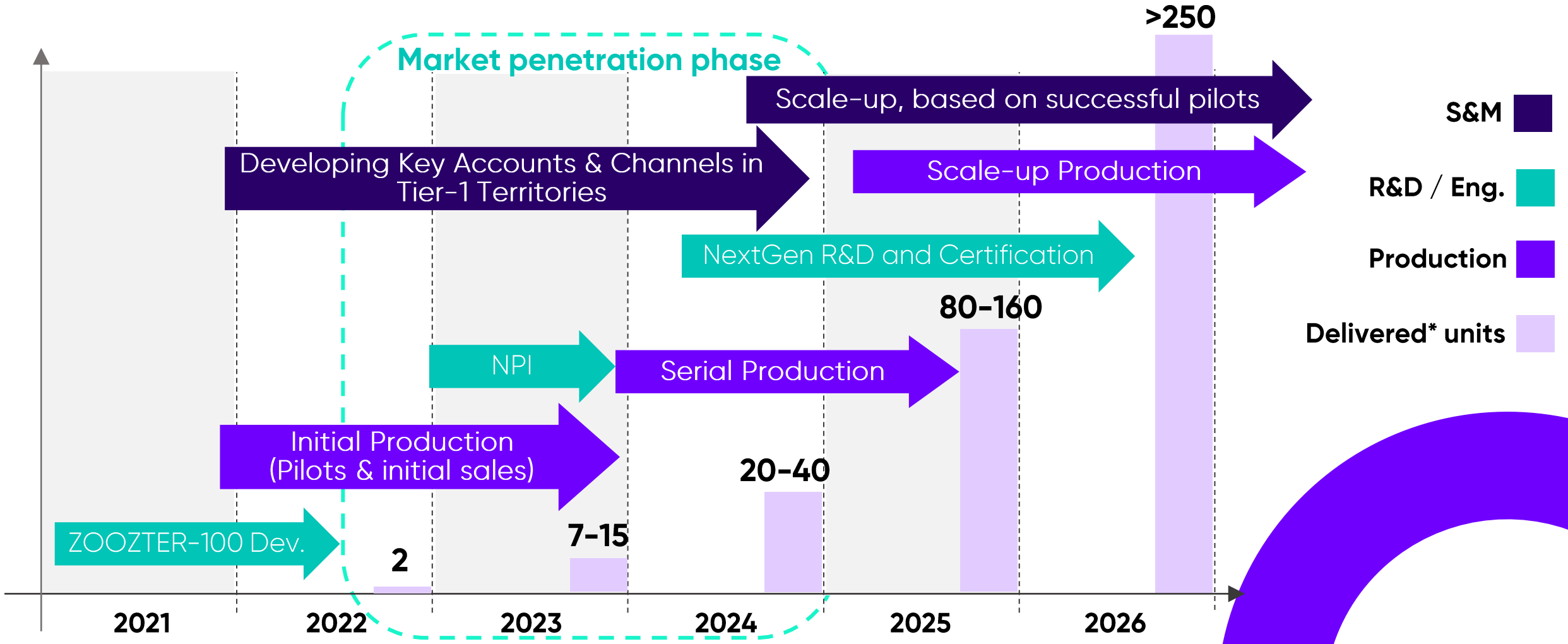
Leading CPO in the US and globally

Q1/2024*

zooz

** Company estimation, subject to changes*

Charging Ahead –
Towards becoming a leading global supplier

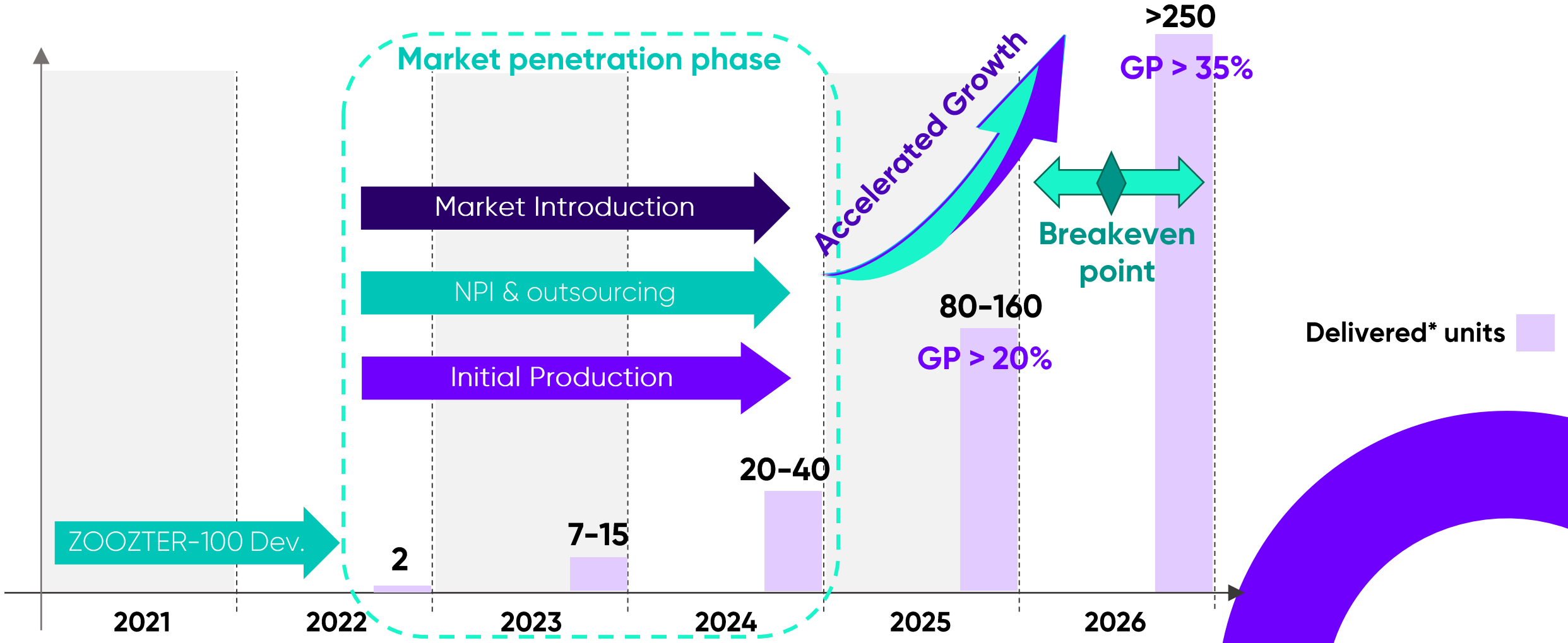


Notes:

(*) Quantities refer to systems to be delivered to customers, based on various business models, assumptions and expectations and therefore do not represent annual sales forecast.

(**) The provided information is forward looking statement as defined in the Securities Act, the Exchange Act and the Securities Law, as applicable. It may not be materialized as presented, as detailed in slide 3 of this presentation.

Charging Ahead –
Towards becoming a leading global supplier



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Experienced Leadership Team

Proven track record of scaling high-growth high-tech companies

Avi Cohen
Executive Chairman

KLA NOVA PROCESS INSIGHT
Cognyte

Boaz Weizer
Chief Executive Officer

Elbit Systems

Ruth Smadja
Chief Financial Officer

hp Telrad Get more from wireless.

Ilan Ben David
Co-founder & Chief Technology Officer

scitex orbotech The Language of Electronics

Nir Zohar
Co-founder & Chief Customers Officer

COMVERSE TECHNOLOGY

David Pincu
Co-founder & Chief Engineer

Microsemi
POWER DESIGN

Eyal Blum
Chief Revenue Officer

driivz

Udi Tzuri
VP Product & Marketing

APPLIED MATERIALS

Tal Harmon
VP Research & Development

scitex Highcon Direct To Pack

Sigal Horesh
Head of Human Resources

STARHOME MACH

Jordan Buchler
Chief Operations Officer

PARAMOUNT ENTERPRISES INTERNATIONAL, INC. PEI PEISHIP.COM

A team of skilled high-tech industry veterans, each with >20 years of relevant experience

ZOOZ

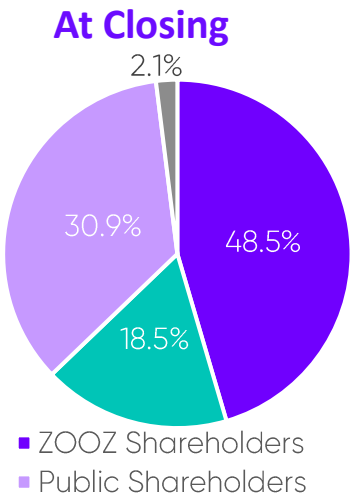
Transaction Summary

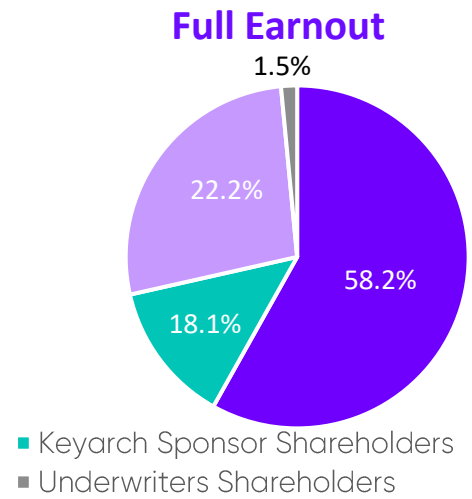
Transaction Structure

- Keyarch Acquisition Corporation to merge with ZOOZ Power Ltd. ZOOZ Power is the surviving entity.
- Deal based on a pre-money Equity Value of up to $100M, including $60M at closing and up to $40M earnout (1)
- Earnout milestones are based on achieving gross revenues or share price, over 5 years following closing.
- Up to 1.12mm Keyarch sponsor shares to cover certain transaction expenses and incentivize investors; any remaining sponsor shares to be placed in an escrow subject to earnout
- Minimum cash: $10M net after all expenses, combination of cash left in trust post redemption and potential PIPE raised
- Existing ZOOZ shares are to be converted via a reverse split at a ratio of about 11.4 to 1 (2)

Pro Forma Ownership (3)(4) (mm shares)

	At Closing		Full Earnout	
ZOOZ Shareholders	6.000	48.5%	10.000	58.2%
Sponsor Shareholders	2.295	18.5%	3.115	18.1%
Public Shareholders	3.827	30.9%	3.827	22.2%
Underwriters Shareholders	0.260	2.1%	0.260	1.5%
Total Shares Outstanding	12.382	100.0%	17.202	100.0%





(1) Indicated valuations are based on $10/share, immediately upon closing, with 6,000,000 shares to ZOOZ shareholders at closing and additional 4,000,000 earnout shares
(2) An estimated ratio. An up-to-date number will be filed at a later time, with the summoning of a shareholders' meeting to approve the deal.
(3) Assume no redemptions and total transaction expenses of $7 million. Certain amount fees and expenses are to be paid by founder shares reserved.
(4) Assume no redemptions and 300,000 Keyarch sponsor shares transferred to investors. Shares converted from rights are included.

Accelerating ZOOZ's Growth

- Targeting EV fast-charging infrastructure - Rapidly growing market with huge potential
- Increasing challenge due to grid's power limits, expected to intensify as market evolve
- First to market with innovative & unique Flywheel-based Power Booster solution
- Started market penetration in Europe and the US
- Merger with KeyArch Acquisition Corp, and dual listing on Nasdaq – geared to accelerate growth


Enabling
Ultra-fast
EV charging.
Today.
Anywhere.
For Good.
LGI Logistics Group International
ZOOZ
IT'S TIME TO ZOOZ

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