
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16
OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of **October 2024**

Commission File Number: 001-42005

ZOOZ Power Ltd.

(Translation of registrant's name into English)

4B Hamelacha St.

Lod 7152008

Israel

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

EXHIBIT INDEX

Exhibit No.	Description
99.1	ZOOZ Power's Investors Business Update Presentation

SIGNATURES

The information contained in this Report on Form 6-K is hereby incorporated by reference into the Company's Registration Statement on Form F-1, File No. 333- 279223 and into the Company's Registration Statement on Form S-8, File No. 333-280741.

ZOOZ Power Ltd.

Date: October 30, 2024

By: /s/ Erez Zimmerman

Name: Erez Zimmerman

Title: Chief Executive Officer



ZOOZ Power

Unleashing The Grid Limitation

Erez Zimmerman, CEO
October 2024



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- All statements other than statements of historical facts contained in this Presentation, including statements regarding the Company, and any of the Company's strategy, future operations, future financial position, future market share, projected costs, prospects, plans, objectives of management and expected market growth are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These risks and other risks and uncertainties are more fully discussed in the "Risk Factors" section of the Company's most recent Annual Report as filed with the Israel Securities Authority ("ISA") as well as other documents that may be subsequently filed by the Company from time to time with the ISA.
- The words "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. These forward-looking statements are only estimations, and the Company may not actually achieve the plans, intentions or expectations disclosed in any forward-looking statements, so you should not place undue reliance on any forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in forward-looking statements made in this Presentation. Management of the Company has based these forward-looking statements largely on current expectations and projections about future events and trends that such persons believe may affect the Company's business, financial condition and operating results. Forward-looking statements contained in this Presentation are made as of the date hereof, and none of the Company or any of its representatives or any other person undertakes any duty to update such information except as may be expressly required under applicable law.

Agenda

- About ZOOZ Power
- The Electric Vehicle Revolution
- BIGGEST Problem
- The ZOOZ Power Technology and Solution
- Target Market
- Customer Testimonials
- Summary and Q&A

About ZOOZ Power

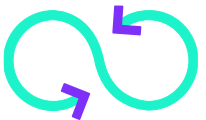
- ZOOZ **provides smart boosting systems** to overcome **grid barrier** and deliver ultra-fast EV charging, **anywhere**
- Revolutionary and proprietary flywheel energy technology
- Focused on EV infrastructure in the multi-billion-dollar industry



Founded: 2013



26 Registered Patents



ZOOZTER System has an expected 15-year lifespan and Fast ROI



Operating in the growing EV infrastructure market with TAM of \$20 Billion*



Publicly dual-listed on NASDAQ & TASE under the **ticker ZOOZ**

Experienced Leadership Team

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

Avi Cohen

Executive Chairman



Cognyte KLA  NOVA  PROCESS INSIGHT

Erez Zimmerman

CEO



 stratasys  hp MASSIVIT

Ruth Smadja

CFO



 hp  Telrad

Ilan Ben David

Co-founder & CTO



 scitex  orbotech
The Language of Electronics

Eyal Blum

CBO



 transelectric  driivz

Udi Tzuri

VP Product & Marketing



 EMERSON  APPLIED MATERIALS

Tal Harmon

VP R&D



 scitex  Highcon
Direct To Pack 

The Electric Vehicle Revolution

- Every fifth new car sold today is an EV!*
- EV Market - Cars, Vans, Trucks, Busses...
- **240 million EVs** are expected to be on the road **by 2030***



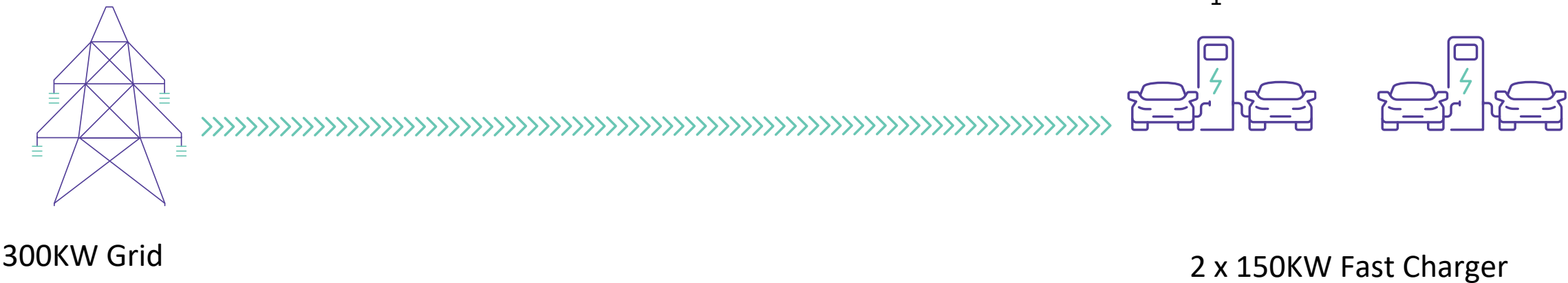
The BIGGEST Problem

- Ultra-fast charging is critical to enable the transition to EVs
- BUT can global infrastructure support it?
- Grid upgrade is not always the solution
 - Expensive upgrades
 - Lengthy process
 - Not always doable



Ultra-Fast Charging - The Grid Problem

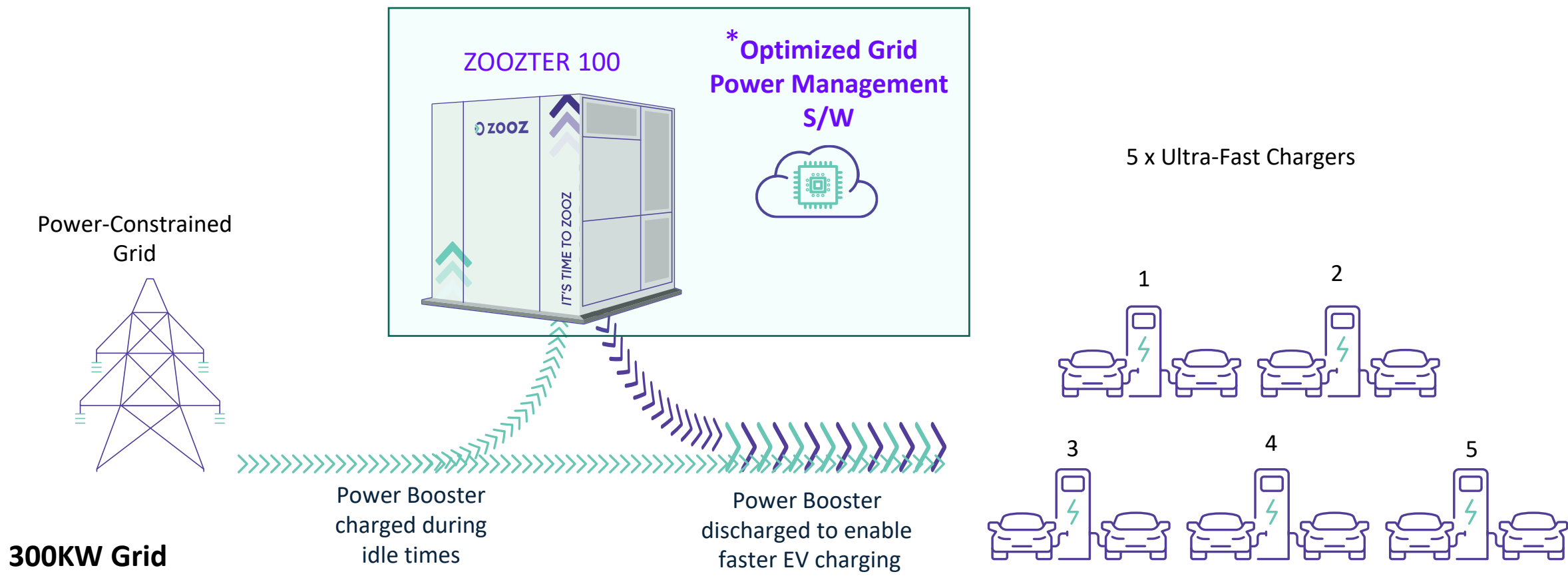
Power - Constrained Grid



Grid of 300KW will enable only 2 fast chargers of 150KW

$2 \times 150KW = 300KW$

ZOOZ Smart* System Enables Ultra-Fast Charging, with the Same Grid



300KW + ZOOZTER → 750KW

Same Grid of 300KW + ZOOZTER will enable 5 fast chargers of 150KW !



ZOOZ Power Flywheel Technology



Accelerating
=
Charging

(Converting electricity to
Kinetic Energy)



Levitating
=
Storing

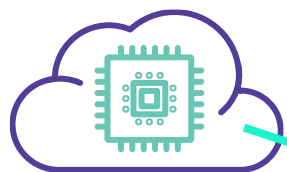
Kinetic Energy



Decelerating
=
Discharging

Kinetic Energy
(converted to electricity)

The Kinetic Power Booster ZOOZTER™-100



Energy
Management
System



ZOOZ
Flywheel

x8



Expected 15 Years
Life Spam



Designed to Enable
Fast ROI



Flexible & Modular
Installation



Sustainable- Non-
chemical

ZOOZTER overcome grid barrier → deliver ultra-fast EV charging

Target Customers

1. Charge Point Operators

- Companies that deploy and operate EV Charging Facilities
- E.g.: Gas stations, Shopping centers, Parking lots



Several Installation WW

2. Fleet Companies

- Fleets that shift from gas to electric and MUST charge at the depot
- E.g.: Municipality buses, car rental companies, Last mile delivery fleets



First order from one of the leading European last mile delivery fleets

Strategic scalable players to buy multipole units

10,000,000 Public Charging Points expected by 2030*

ZOOZTER First Steps to the Global Market



1 x ZOOZTER
NY Power Authority



1 x
ZOOZTER



4 x
ZOOZTER



2 x
ZOOZTER

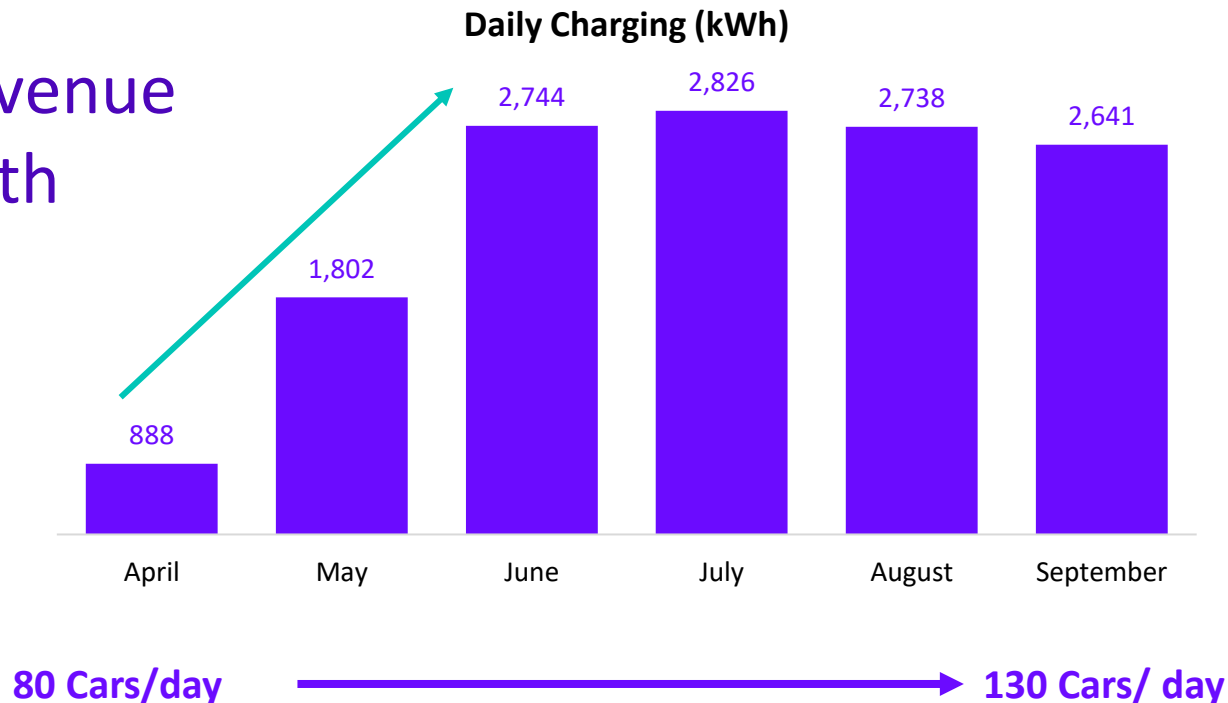
“ON” – Leading Charge Point Operator in Europe



“ON” Charge Point Operator - Case Study

- “On” is the leading Charge Point Operator in Israel
- ZOOZTER system installed on one of the busiest highways in Israel
- Grid limit of 300KW
- With the usage of a ZOOZSTER → Using 5 x 150KW fast chargers

+ 50% Revenue Growth



More Customers
Visiting Convenience
Store

Summary

- The world is shifting to EVs but is lacking the necessary grid infrastructure
- ZOOZ provides **smart boosting systems** to overcome **grid barrier** and deliver ultra-fast EV charging, **anywhere**
- Designed to gain profit ZOOZTER offers an expected **15-year lifespan & Fast ROI**
- First Steps to the Global Market → 8 ZOOZTER systems are successfully operating

Available for 1 X 1 Meetings

erez@zoozpower.com



Thank
you

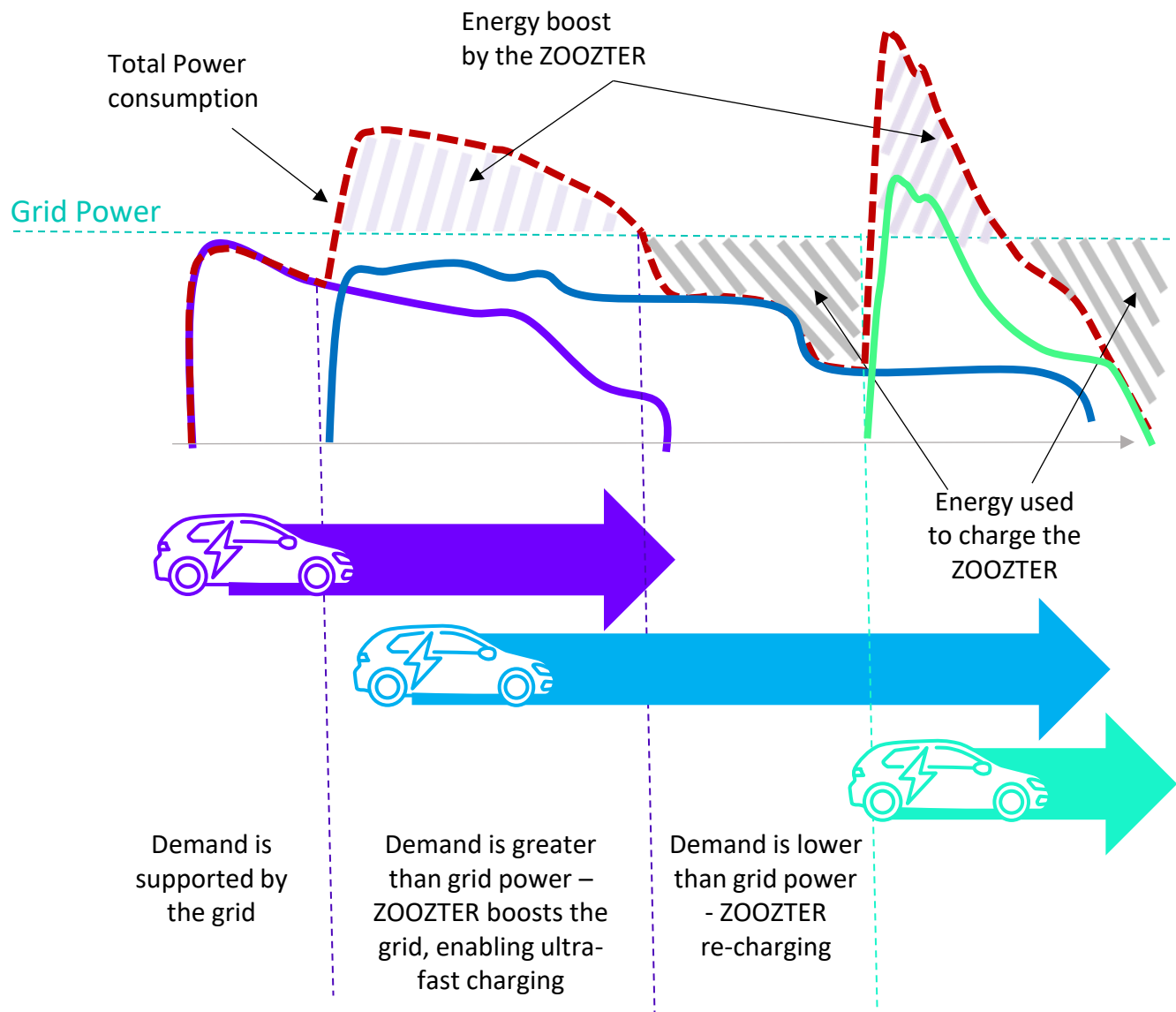
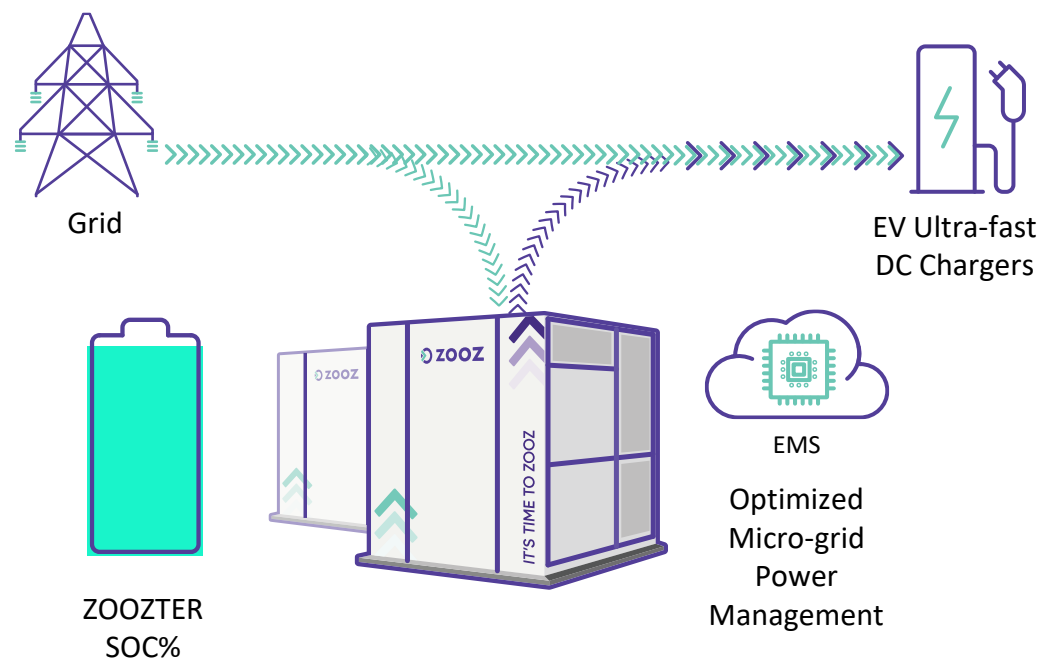




Additional Information

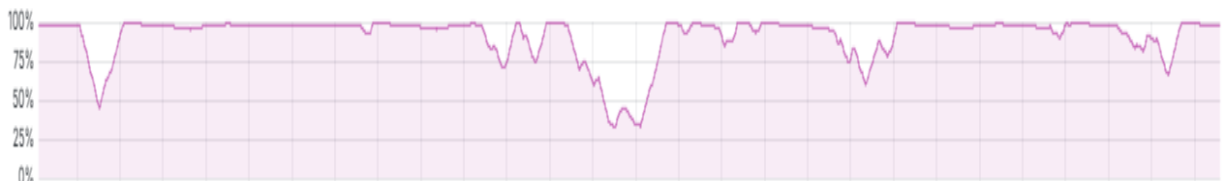


The ZOOZTER Smart Cycle



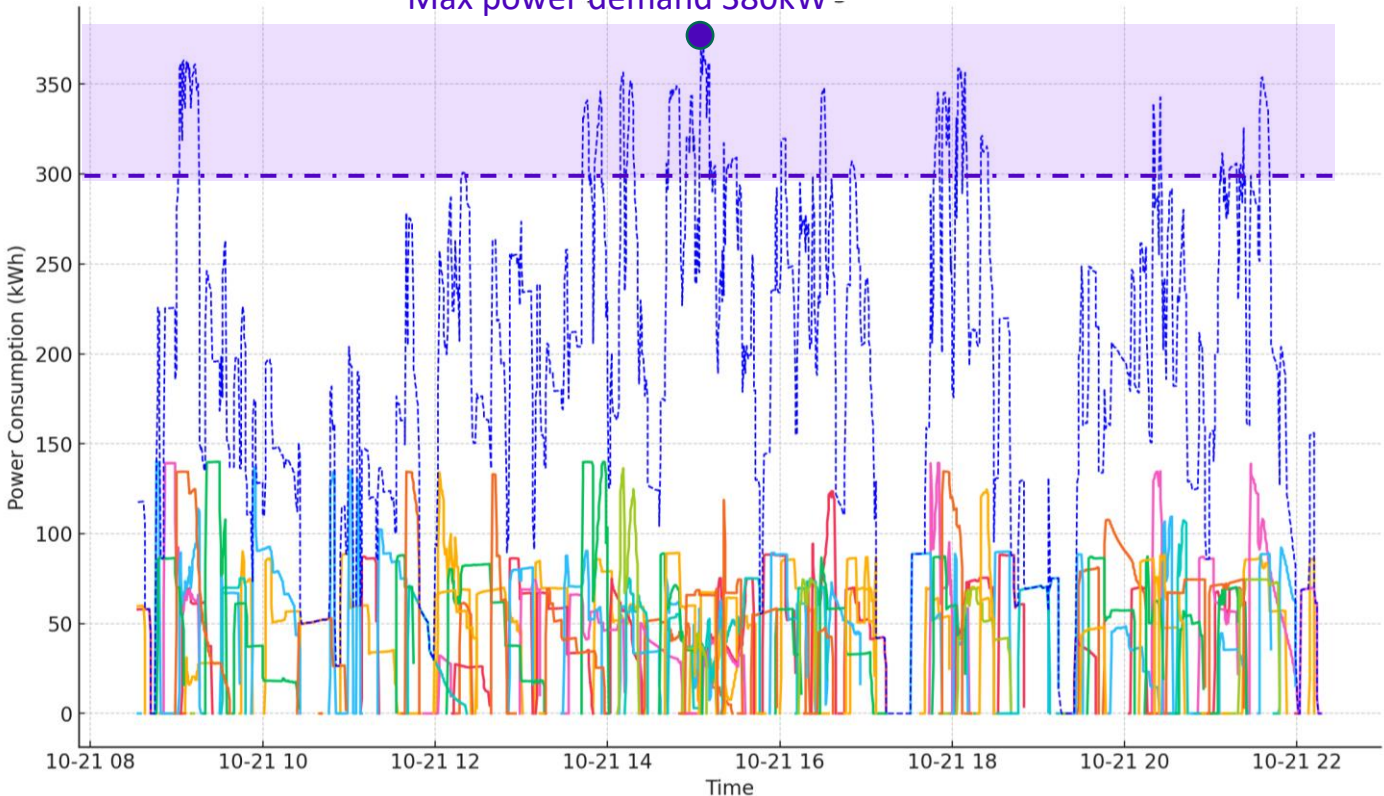
“ON” Route#6 Station – Energy Management S/W Dashboard

ZOOZTER SOC%



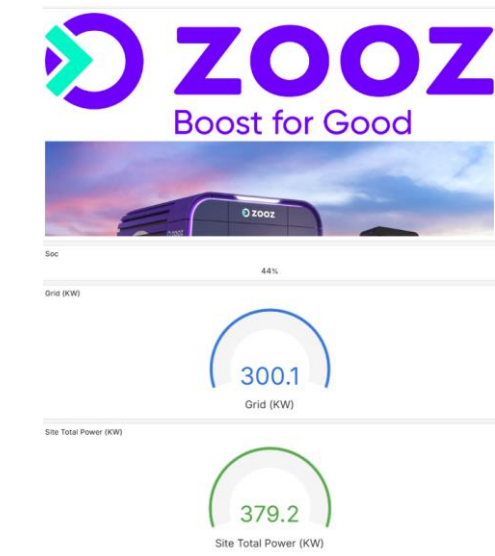
Max power demand 380kW -

Grid =
300kW



Powered 5 x 150 kW chargers using only a 300 kW grid connection, avoiding the need for a 750 kW upgrade

Power Meter



Name	ActualPower KW
Alpitronic Charger1	0 kW
Alpitronic Charger2	42.1 kW
Alpitronic Charger3	86.4 kW
Alpitronic Charger4	93.4 kW
Alpitronic Charger5	140 kW
Grid	300 kW
Others	5 kW

5 X 150kW Chargers



ZOOZ Power - Videos

“NAYPA” – Customer Testimonial



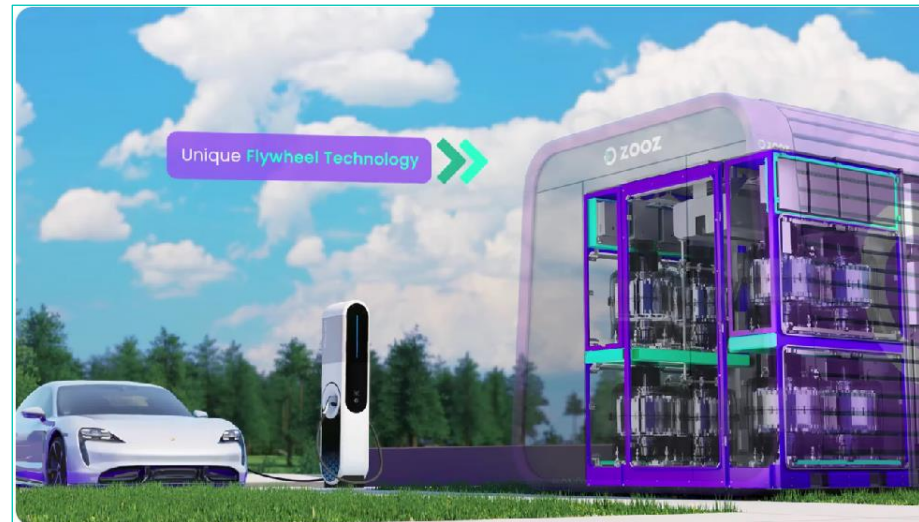
<https://www.youtube.com/watch?v=3Ynez4S1oAY>

“On” – Customer Testimonials



<https://youtu.be/NjuCbx6QV8U>

ZOOZ Power Technology



<https://youtu.be/IHkpBH9Ffr0>

“On” – Customer Testimonial Video



“NAYPA” – Customer Testimonial Video



ZOOZ Power Flywheel Technology Video

