

15 MINUTE RAPID CHARGING FOR BUSES AND TRUCKS

1.6 MEGAWATT WORLD'S HIGHEST
POWER ENERGY ECOSYSTEM



exponent

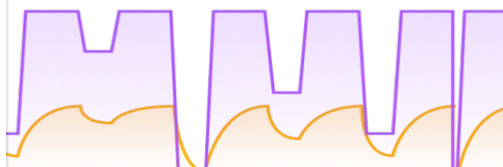
exponent 1.6MW Rapid
Charger

exponent 420KWh rapid
charging battery pack

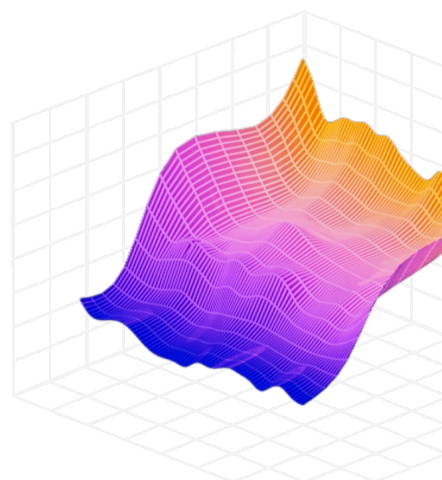


15-MINUTE
RAPID
CHARGING
TECH

DYNAMIC
CHARGING ALGOS



VIRTUAL CELL
MODEL





1800 Amps current, Highest in the world + Offboard cooling

One stop energy partner for commercial vehicles

We deliver:

 Battery technology

 Charging Network

 Daily charging Experience

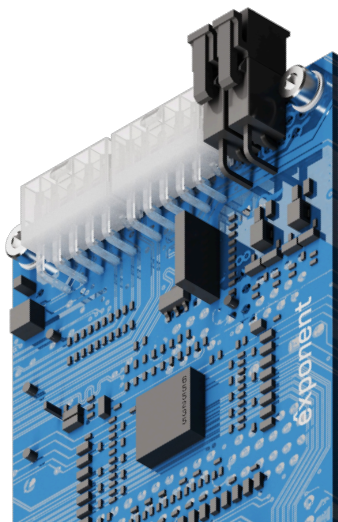
CVs are

Time sensitive → Rapid charging

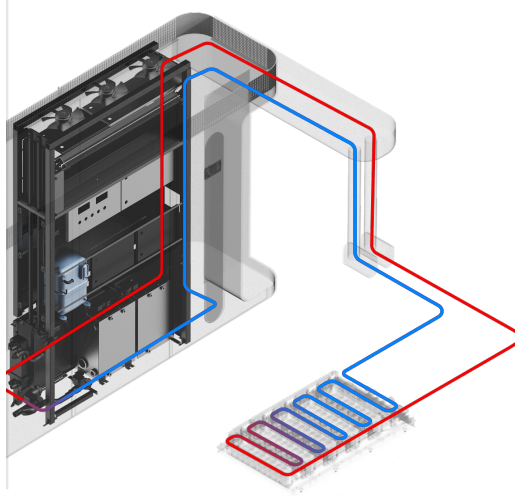
Price sensitive → Affordable energy

Life sensitive → Longer Battery Life

BATTERY MANAGEMENT SYSTEM



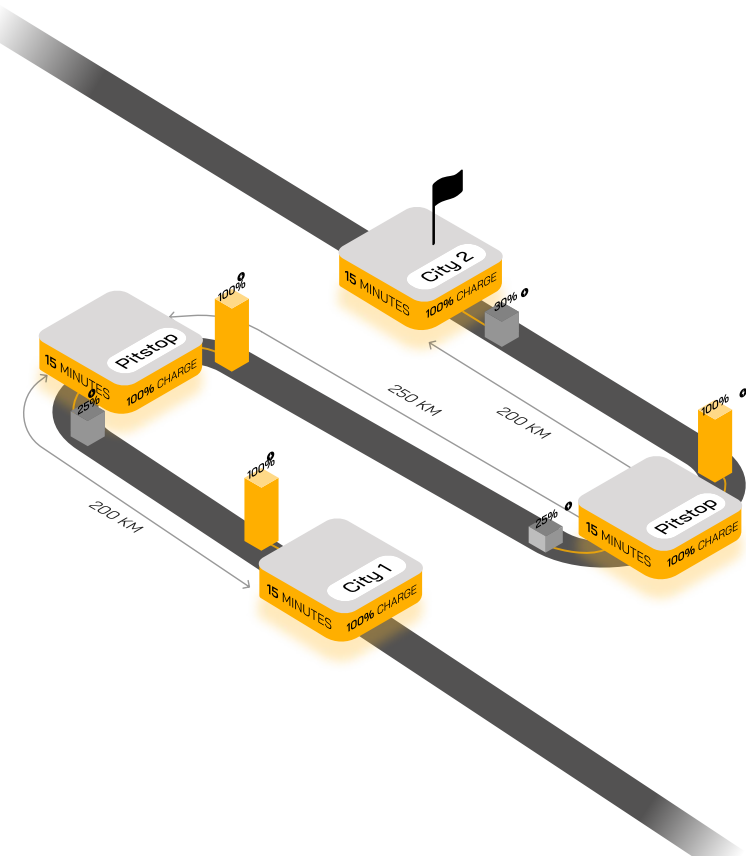
OFFBOARD COOLING TECH



Full stack solution making electric rapid, reliable and affordable.

Unlocking unlimited range
across highways for large
busses and trucks.

No city too far with 15 minute
rapid charging pit stops.



Charging as simple as refuelling.
Making electric the better energy choice.

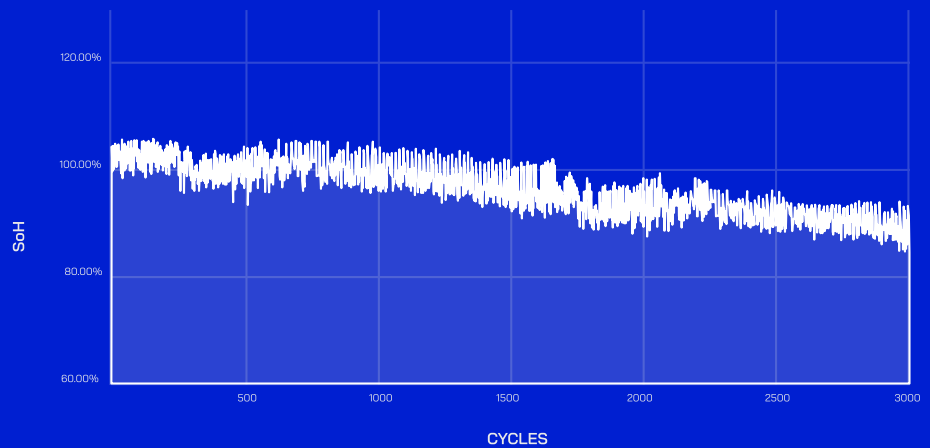
RELIABILITY

**3,000 cycle warranty,
translating to 1Mn km**

certified by TÜV Labs

**TUV
INDIA**

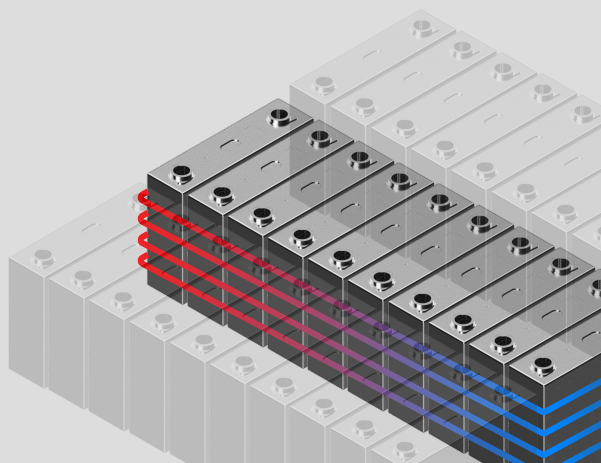
SoH vs Cycles



THERMAL CONSISTENCY

**Energy density + Uniform
thermal performance**

Compact cell-to-pack architecture
with side cooling for minimal
temperature gradient



INTEROPERABLE

**Buses are equipped to charge on public
infrastructure (CCS2) and our network**

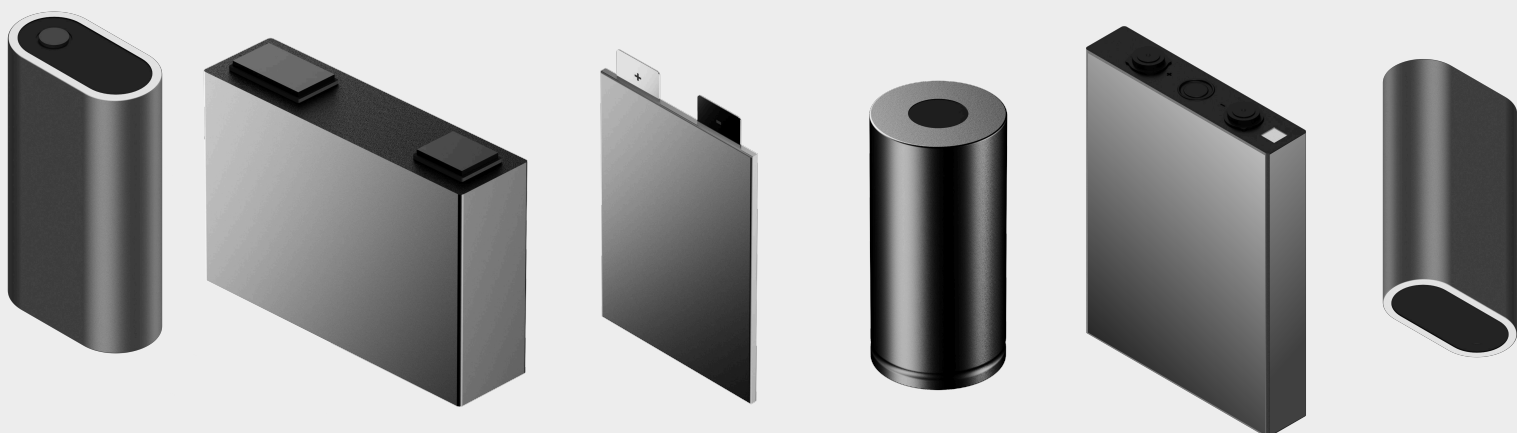
Flexibility at the vehicle level. Rapid where it
matters. Open everywhere else.



CELL AGNOSTIC

Works with regular lithium-ion cells

future-proof - compatible to any future cell
chemistries





**We make the machines that
make our batteries**

Fully automated line for
GWh capacity



Designed, engineered and
manufactured in India

With a tenured team that have
concentrated track record for
successful EV product launches in India



Patents

37 23

Filed Granted

Investors

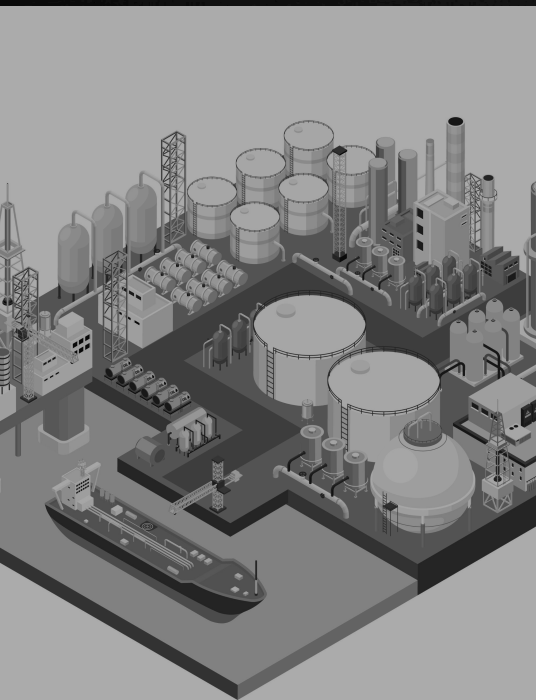
65.7M

Invested so far,



Energy in Petroleum Era

Energy is a controlled commodity. Focus is on upstream (Extraction to distribution)



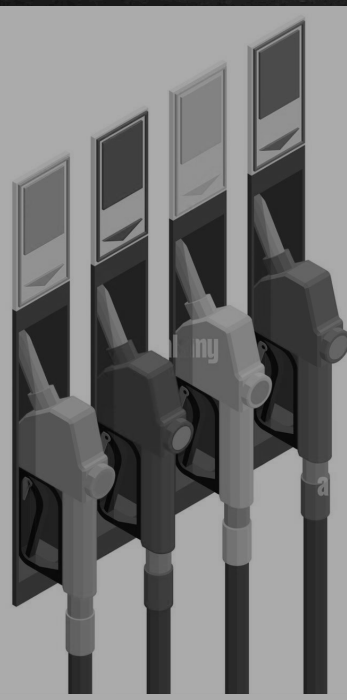
Infra heavy

Extraction + Refinement + Distribution



Centralised

Concentrated production and distribution, few 100 refuelling points in a city

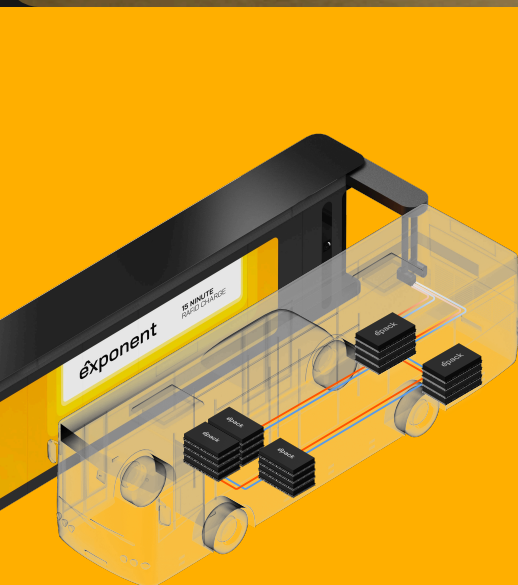


Category agnostic

One nozzle works for all vehicle types

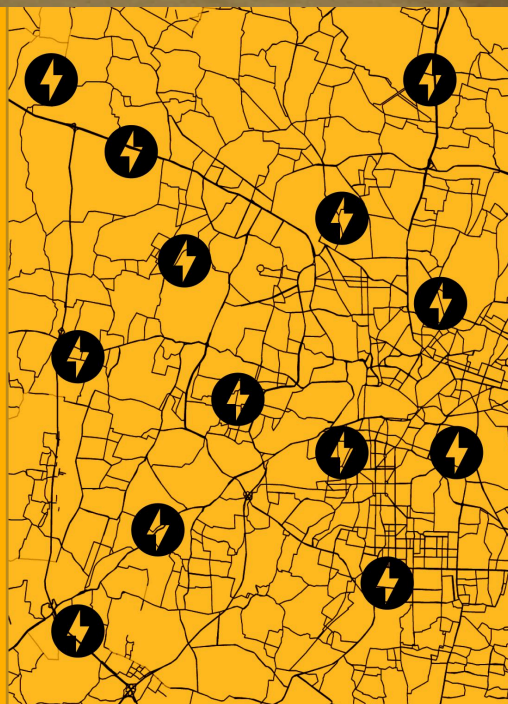
Energy in EV Era

Energy is free access. Electrons everywhere.
Focus is on Energy Storage + Energy
Transaction + Energy Management



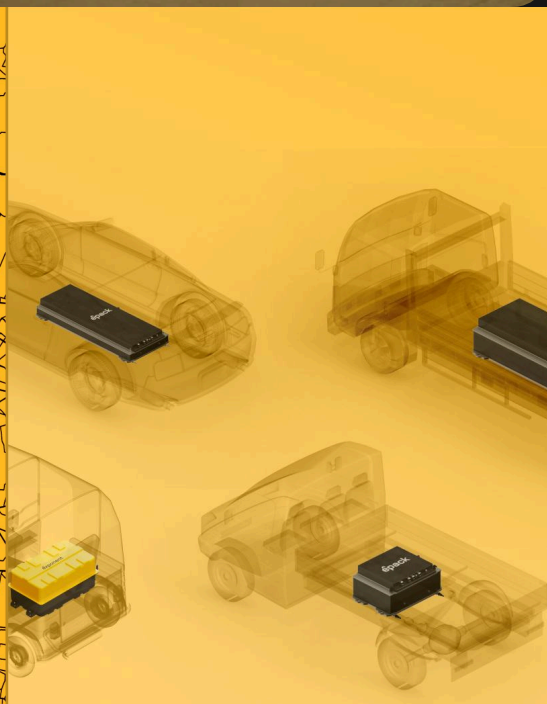
Tech first & two sided

Batteries and chargers
engineered together



De-centralised

1000s of transaction points in
a city



Category specific

Transaction stack to meet unique
voltage and power needs

ARUN VINAYAK

Co founder & CEO

Founding partner
and Ex CPO at Ather

Led the design,
development, and launch of
Ather's entire product
portfolio, helping redefine
EVs in India and contributing
to the company's successful
public listing



IIT Madras

ATHER



SANDEEP DIVAKARAN

Co founder & CEO @Exponent ONE

Ex CSO at OLA Electric,
led OLA Fleet as CEO

Scaled businesses from 1x to 10x, five
times over
Co-founded two successful ventures
acquired by Hitachi and CHG-
MERIDIAN
Founder of evfin, India's leading EV
two-wheeler financing NBFC



ev.fin
BY GREAVES



OUR ACHIEVEMENTS

\$500M

Signed commercial contract with India's largest
CV manufacturer to deploy Exponent rapid
charging technology

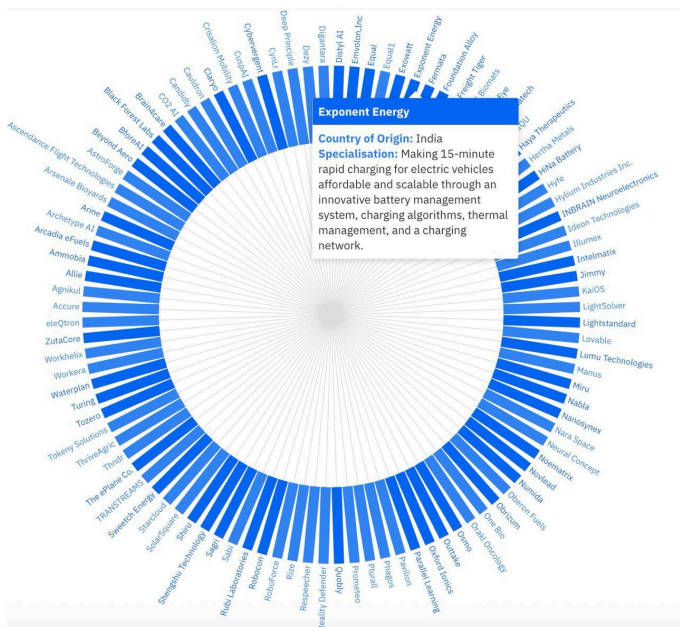
Partnered with the
largest OEMs in India 🇮🇳



Recognised by the World Economic Forum for
innovation in energy infrastructure and commercial
electric mobility

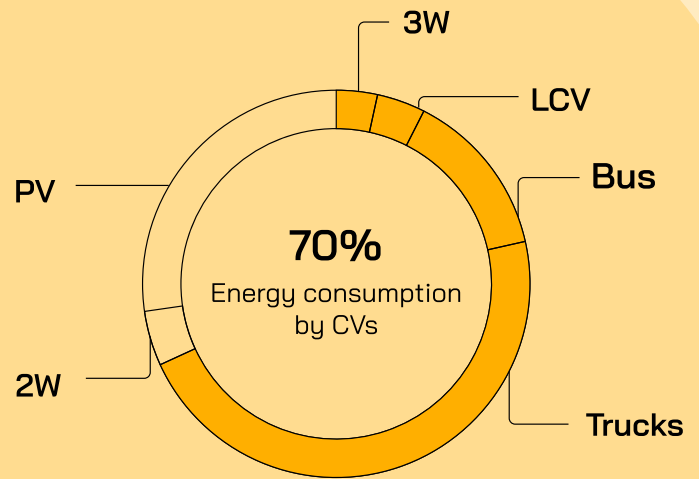
<norrskens>

Named in the Norrskens Impact 100 from over 1,400
global nominations for advancing rapid-charging
infrastructure



India needs to electrify commercial vehicles for energy security

Commercial vehicles are 10% of the fleet but consume 70% of road energy.



OUR VISION

10Mn

Vehicles powered by **éxponent**



500,000

Chargers

1,00,000KM

National Highway covered through rapid-charging corridors

\$50 Bn

Annual oil imports avoided



exponent

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