

EVR MOTORS

Re-Imagining Electric Motors

General Deck 11/2025

PROPRIETARY AND CONFIDENTIAL



EVR has gone back to the drawing board

Re-Imagining the Radial Flux Motor

EVR's unique

Trapezoidal Stator* topology:

- Higher Power @ Lower Weight
- Lower Cost
- Simple assembly, low CAPEX
- High flexibility to meet varied customer requirements
- Business Model addresses diverse customer base

*Covered by 17 patents

including: US 9,502,951, US 10,056,813, US 11,296,572, US 11,322,994, US 11,336,132, others & foreign, multiple additional pending.

PROPRIETARY AND CONFIDENTIAL



Superior
Power & Torque Density



Cost Effective
Lower BOM & Production Costs
No expensive materials/processes
Reduced CAPEX



Tailored
To user Requirements
High flexibility



EVR's Core Technology

PROPRIETARY TRAPEZOIDAL STATOR TOPOLOGY

Unique 3D "Trapezoidal" Tooth shape

Larger tooth than standard motors

Made of SMC (Soft Magnetic Composites)



✓ Generates Increased Flux

Unique 3D "Trapezoidal" Coil

Higher "Fill Factor" – Larger Coil

Excellent copper utilization – Reduced Losses

Adapt winding for required Voltage, Speed



✓ Generates Increased Flux

✓ Enables Higher Flux

✓ High Flexibility

Unique Cooling system

Coil shape enables superior heat dissipation



✓ Enables higher power

High Power / Weight Ratio

Reduced Cost

Increased Flexibility



EVR's Trapezoidal Stator topology
Improves performance, reduces cost, enables flexibility
while maintaining the advantages of traditional RFPM motors



EVR Motors Line Up

From 2-Wheelers to Passenger Vehicles & More



2 Wheelers &
industrial
applications



3 Wheelers,
Large 2 Wheelers,
Industrial apps



Small 4 Wheelers
Powerful 2/3 Wheelers



Passenger Cars
Commercial Vehicles

Diameter (mm)	130	160	185	230
Weight (kg)	6.5	9	16 – 25*	25 – 46*
Power (kW)	6-13 kW	10-17 kW	35 - 70 kW	60 – 150 kW
Torque (Nm)	25 Nm	50 Nm	70 - 150 Nm	185 - 320 Nm
Cooling	Air	Air	Air / Liquid	Air / Liquid

All specifications are subjected to change without prior notice

*Multiple lengths available

Already Breaking Records

The Ultraviolette F99 is winning accolades on the road with an **EVR Motor**

258 KPH

Fastest Speed achieved by an Indian Motorcycle

10.712 Secs

Fastest Indian Motorcycle Quarter mile Record

Powered by **EVR 230 S**



80+ kW
200+ Nm
25 kg



Internal Rotor TSRF Technology

- Stator – Trapezoidal, SMC
- Coil - Trapezoidal
- Rotor – IPM, Laminations
- Cooling:
 - Water or Air
 - Direct coil cooling – top & bottom
- Stack Length can be incrementally adapted
- Coils can be wound to enable different Voltage, Base Speed

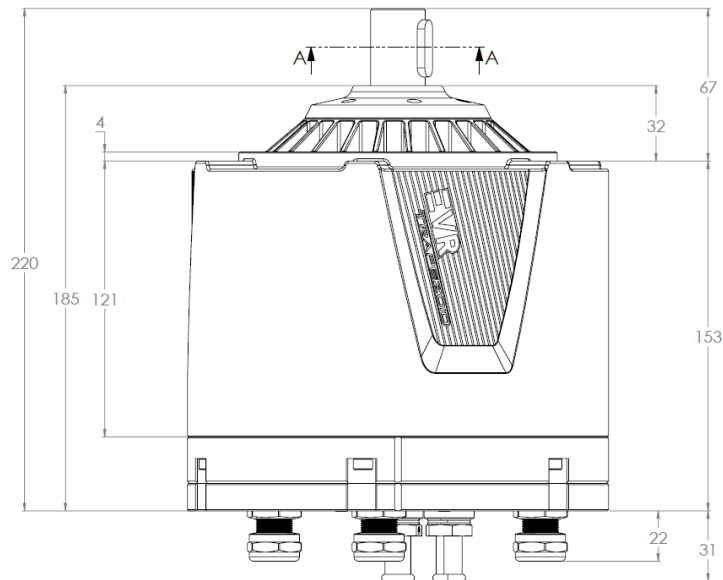


Motor Modularity

Topology enables unparalleled versatility

Multiple variations, High Commonality

Minimal tooling & setup changes



Flexibility possible in:



Motor Length

Power & Torque



Coil Design

Voltage
Peak Power
Base Speed



Magnets & Laminations

Torque
Speed



Cooling

Air Cooled
Water Cooled



Mechanical interfaces

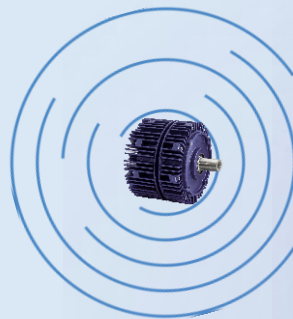
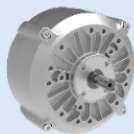
Shaft
Mounting

We are a **Fabless** Motor Company

Licensing our Technology to Tier 1s and OEMs

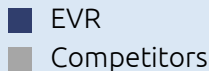
OTHERS **BUILD MOTORS**

Tailored for specific markets



EVR MOTORS **MOTOR SOLUTIONS**

License manufacturing to multiple partners in diverse markets



Unique Business Model



Technology

EVR

Responsible for:

- Motor design
- Coil supply
- Support – Marketing, Sales, Engineering



- Royalties, Coils, Engineering
- Motor sales



Sales

Motor Sales to Other Customers

- Buy – from EVR
- Tier 1 – Manufacturing
- Profit sharing: EVR – Tier 1
- Small Quantities, High price, Quick



Manufacturing

Tier 1

Allocated – Customers, Segment & Geography

Responsible for:

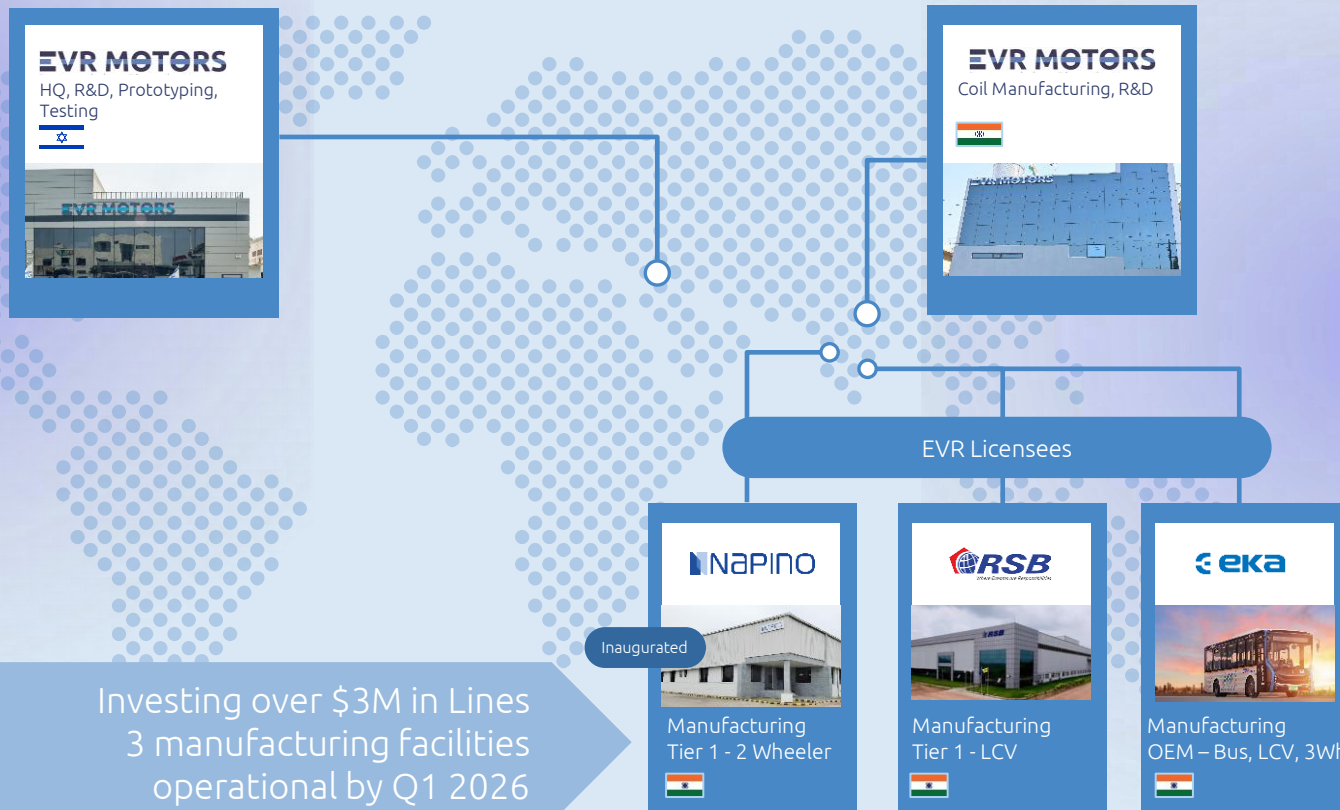
- Manufacturing engineering
- Line set-up, Sourcing, Product verification
- Manufacturing
- Local sales, warranty, service

Vehicle OEM

- Buy – From Tier 1
- Make – For own use
- Can start Buy -> Make as volumes increase
- Large Quantities, Low price, Lengthy

Business model enables **access to multiple market** segments & geographies.
Flexible motor topology fits **multiple market segments** with similar motor variants.

Global Footprint



Contact Us

Noa Kroin

VP of Business Development

Noak@evr-motors.com

