



Chakr has achieved a remarkable breakthrough in Aluminum Air powered BOPT

# We have developed world's most advanced AL-AIR POWERED BOPT

Powering the future with aluminum-air technology for **ultra-light, high-energy, and zero-emission mobility.**



#### Zero CapEx, Rental Model

No upfront investment—our rental model ensures cost-effective adoption



#### 4x High Running Time

Runs 3-4 times longer than lithium-ion batteries, boosting efficiency



#### Minimal Downtime

Swapping time of 5-10 mins as compared to 2-3 hour for a LI-ion powered BOPT



#### Residue-Free Solution

100% recyclable, eliminating disposal concerns and reducing waste.



#### Non-Flammable Highly Safe

Non-flammable material; suitable for Indian climate



#### 24\*7 Technical Support

Uninterrupted operations. Round-the-clock support ensures

## TECHNICAL SPECIFICATIONS OF BOPT



### SPECIFICATIONS

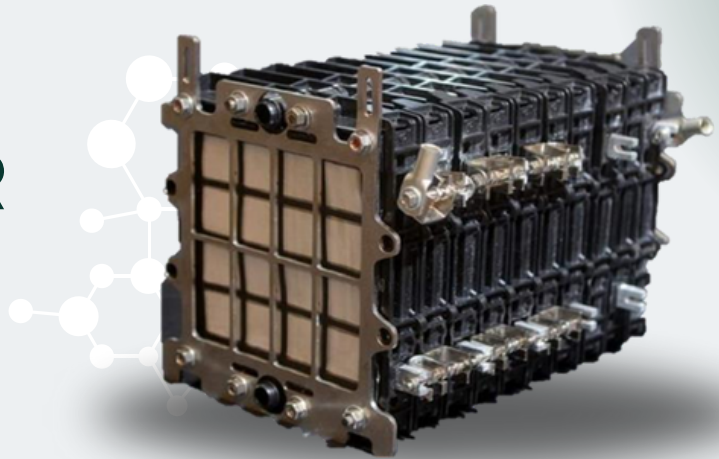
### VALUE

Capacity	→	1000Kg
Lift Height	→	120 mm
Drive Unit	→	Fully Electric
Overall Fork Width	→	550 mm
Overall Height with Tiller Arm	→	1300 mm
Compatible Pallets	→	1000 1200 mm (Asia pallet) 800 1200 mm (Euro Pallet)
Travel Speed (Laden & Unladen)	→	3.5 kmph and 5 kmph
Max Gradeability (Laden & Unladen)	→	5% and 20%
Driving Motor	→	0.75 kW
Lift Motor	→	0.8 kW
Battery Power	→	1 kW
Continuous Operation	→	More than 8 hours (1 shift)

World's most advanced Aluminium-powered energy solution

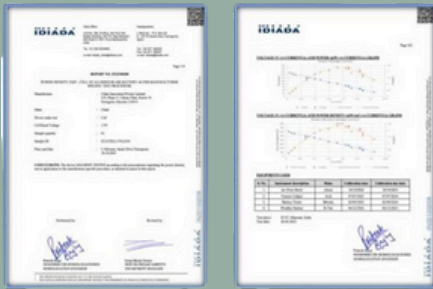
# CHAKR'S ALUMINIUM AIR ACTIVATOR TECHNOLOGY

Designed for optimal performance and sustainability, this technology converts **recyclable aluminium into clean, reliable power** for **mobility** and **energy needs**.



## OUR TECHNOLOGY'S FEASIBILITY HAS BEEN VALIDATED BY TOP INSTITUTES

Applus<sup>+</sup>  
IDIADA



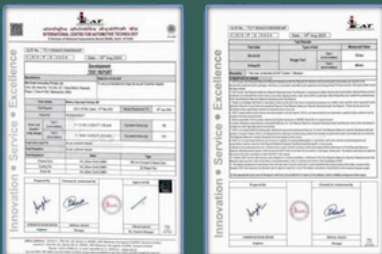
Headquartered in Spain, Offers testing & homologation services for Automotive Industry in line with European Regulations

ARAI  
Progress through Research



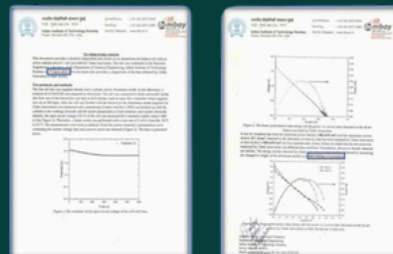
Leading automotive R&D organization of the country set up by the Automotive Industry with the GOI in 1966

ICAT  
Innovation • Service • Excellence



World class automotive testing, certification and R&D service provider under the aegis of GOI

IIT BOMBAY



Leading Technology Institution of India

To know more, please visit [www.chakr.in](http://www.chakr.in) or contact us on below details

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