

Specifications		ERIL200
Cooling Capacity		6000 W (at 0 deg C)
AC Warranty		2 years*
With full refrigerated body		
Temperature Range (°C)		0 to +20°C
Pulldown Rate		40 min for 0°C
AC Run Time		8 - 10 hrs at 0°C
		12 - 14 hrs at +8°
With partitioned refrigerated body		
Temperature Range (°C)		-20 to +20°C
Pulldown Rate		40 min for -20 °C
		20 min for 0°C
AC Run Time		8 - 10 hrs at -20°C
		15- 16 hrs at 0°C
BATTERY & CHARGER		
Charger Type		Portable 3.3 kW charger
Charging Time		4 hrs
Battery Technology		LFP
Battery Warranty		5 yrs
OTHERS		
Weight		180 Kg
Controls System		Adaptive Control algorithms
Telematics		Full Suite on Website and App equipped with predicitive maintainance
Autonomy on Door Operation		Door Opening Auto Cut-off and Temp recovery post door closing
Stand by		Operates via grid power when stationary

\*Note: Subjected to the company's warranty terms and conditions and User manual terms

Cost break-up	Montra Eviator+ Yotuh	ICE Pickup + Diesel AC
Vehicle cost (On-road)*	Rs. 17,00,000	Rs. ₹10,75,000
Refrigeration cost (AC + Box) Incl. 18% GST	Rs. ₹8,67,300	Rs. ₹6,84,400
Total Cap-ex	Rs. ₹25,67,300	Rs. ₹17,59,400
EMI @13% for 5 years (15% Downpayment)	Rs. ₹48,300	Rs. ₹34,450
Vehicle fuel cost	Rs. 14,800	Rs. 30,200
AC fuel/charging cost	Rs. 4,500	Rs. 12,950
Service & Maintenance cost	Rs. 2,150	Rs. ₹5,850
Total Op-ex	Rs. 69,750	Rs. 83,450
Running cost Rs/km	Rs. 5.5/km	Rs. 12.5/km
Net Rs/kg-km cost	0.024	0.029
Annual Savings Till EMI	Rs. 1,58,700	Reference
Annual Savings After EMI	Rs. 3,25,000	Reference
Total Cost of Ownership (7 years)	Rs. 49,56,000	Rs. 71,05,700
TCO Savings	Rs. 21,49,700	Reference

\* - prices may differ  
Note : Above calculation is for 130km daily run/3900km monthly run



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# YOTUH ENERGY

INTRODUCING

**eRIL**Series

India's  
First  
Electric  
Refrigeration for  
Intracity  
Logistics

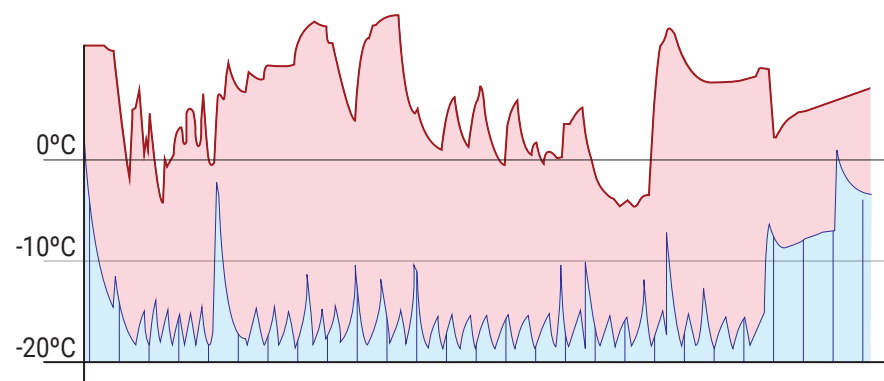




## Performance Comparison - Real World Data

### Existing Refrigeration Units

Correct temperature maintained at : 2/10 drop points  
 Correct temperature band maintained : Only 20% of the time  
 Non-reefer to Reefer mileage drop : 13 Km/L to 9 Km/L



### Yotuh's Electric Reefer Unit

Correct temperature maintained at : 10/10 drop points  
 Correct temperature band maintained : 90% of the time  
 Non-reefer to Reefer mileage drop : No Impact

## Maximum Savings

- ❖ 20-35% lower Total Cost of Ownership - saving more than 10 lakhs over 7 years with Near zero maintenance
- ❖ 18-25% reduction in vehicle operating expense over conventional refrigerated vehicles



## Independent Active cooling

- ❖ Powered by an Independent Li-ion battery - No impact on vehicle range and performance
- ❖ Set wide range of temperature ranging from +25°C to -20°C

## Dependable cooling

- ❖ Refrigeration continues despite vehicle breakdowns/punctures
- ❖ Standby powered - ensuring uninterrupted running on grid power supply



## Adaptive cooling controls™

- ❖ Intelligent cooling system adjusting to the load and ambients operations
- ❖ Rapid temperature recovery in multi-point deliveries with Industry's Fastest temperature pulldown times

## Smart Fleet monitoring

- ❖ Monitor Temperature, location, battery SoC and more in real time.
- ❖ Predictive maintenance alerts reducing downtime and costs

## Any size, any vehicle

- ❖ Retrofittable unit compatible with Diesel, CNG, petrol and Electric vehicles
- ❖ Flexible installation options for different body types and load capacities.

