

**mahindra**  
LAST MILE MOBILITY



# New Mahindra **e-ALFA+**

*Desh Ka e-Rickshaw*

**New**  
150 Ah battery



**New**  
Powerful PMSM motor  
for superior performance



**Longer range**

100+ km\*



**18** month  
warranty

For worry-free ownership



## Powerful Performance of the New e-Alfa

Advanced PMSM motor with **1.95 kW** peak power for superior load handling



High torque of **26.9 Nm** for better pick-up



**18 A** off-board charger for rapid and efficient charging



Powerful **150 Ah** battery for extended performance

**5-degree** gradeability for smooth uphill navigation



## Longer Range of the New e-Alfa

Over **100+ km\*** range for long-distance travel and increased earnings



**3 driving modes** - Low, Medium, and High Speed - for optimized turnaround time and higher profitability



Mahindra's Trust v

**18** month warranty

Reduces maintenance cost on vehicle, battery and charger



## Superior Safety with the New e-ALFA

**132 mm** ground clearance for enhanced vehicle stability  
**Wide 2168 mm** wheelbase for improved balance and control



**Modern e-rickshaw design** for superior safety



**Cushioned seats** for added comfort for both passengers and drivers



**Strong metal body** and chassis providing best-in-class safety



**Powerful brakes and suspension system** for enhanced protection

## Additional Features of the New e-Alfa

with the New e-Alfa

**₹20** lakh accident insurance

Offers comprehensive driver protection

**Cabin light** for ample interior illumination



**Jack** included for convenience



**12 V electricity outlet** for phone charging and music system connectivity





	Type / Variant	E-Rickshaw (e-Alfa Plus)
<b>Specification</b>	Vehicle category	E-Rickshaw
	Seating capacity	D+4
	Vehicle height (mm)	1765
	Vehicle length (mm)	2780
	Vehicle width (mm)	995
	Wheel base (mm)	2168
	Ground clearance (mm) empty	132
	Ground clearance (mm) full	127
	Wheel track (mm)	880
	Turning radius	3500
	Maximum GVW (kg)	816
	Vehicle's Kerb Weight (kg)	436
	Motor	Permanent Magnet Synchronous Motor (PMSM 1.2kW Motor)
	Max Speed (km/h )	25
	Typical Driving Range (RWUP) (km)*	100
	Charging Time (h)	10-12
	Peak Power (kW)	1.95 kW @ 2600 r/min
	Max Torque (Nm)	26.9 Nm @200 r/min
	Tyre Type	TT (Tube Type)
	Tyre Front	"4.50 x 10 - 8PR, Tire Rim -3.5B x 10"
	Tyre Rear	"90/90-12-64B Rim - 2.15 x 12"
	Transmission Type	Constant Mesh
	Suspension Front	Leading link with integrated coil spring and damper
	Suspension Rear	Rigid axle with leaf springs and damper
	Brakes - Front	Hand lever operated (drum)
	Brakes - Rear	Foot pedal operated, linkage type (drum)
Battery Type, Capacity	Lead acid, 150 Ah	
Gradeability (Max) - Degree	5	
Driving Modes (Forward, Reverse)	F, R	
Mode for Speed	L, M, H	
Spare Wheel Provision	Yes	
18 A Off Board Charger	Yes	
Cabin Lamp	Yes	
12 V Socket	Yes	
<b>Warranty</b>	Charger Warranty	18 Months
	Battery Warranty	18 Months
	Vehicle Warranty in Years	18 Months



\*Vehicle range depends on driving conditions. Terms and conditions apply.

Accessories shown are not included in the standard equipment. As part of our 'Continuous Improvement' policy, we reserve the right to change designs and specifications without liability. We also reserve the right to add or remove features from any model without prior notice or obligation.