



## Technical Specifications Liberty E-Range

<b>Performance</b>	Range	200 miles on single charge or 600 miles with optional Range Extender
	Acceleration	0 -60 mph in 7 seconds
	Top speed	100 mph (limited)
<b>Motors</b>	<ul style="list-style-type: none"> <li>• 4 x DC brushless permanent magnet motors – 1 per driven wheel</li> <li>• variable frequency drive</li> </ul>	
	Torque	405ft/lb (550 Nm) available from zero RPM across the entire rev range
	Regeneration Power	133hp (100kW)
	Regeneration Torque	365ft/lb (500Nm)
	Weight	190 lb (86Kg)
	<b>Energy Storage System</b>	Liberty's unique patented high density Lithium Polymer Battery Pack. Features quick charge option from a suitably powerful charging system mounted off board. Optional induction charging provides wireless connection. On-board trickle charger provides charging from any suitable point including standard 13 amp supply.
<b>Management</b>	Full software management system controlling power to motors, adapting to driving style, warning of low power, energy required to reach destination	
<b>Transmission</b>	Each wheel independently driven, eliminating the need for transfer case and front + back differential. High torque motors with flat torque curve further eliminate the need for a gearbox	
<b>Suspension</b>	<ul style="list-style-type: none"> <li>• Fully independent electronic Air suspension with variable ride height and Adaptive Dynamics*</li> <li>• Electrically power-assisted rack and pinion steering</li> </ul>	
<b>Brakes</b>	Dual Front Brakes (Regenerative and Hydraulic)	Regenerative braking backed up by 2 x 48mm Piston Sliding Calliper Ventilated Disc
	Dual Rear Brakes (Regenerative and Hydraulic)	Regenerative braking backed up by 2 x 45mm Piston Sliding Calliper Ventilated Disc
<b>Standard Wheels</b>	Type*	7-Spoke Alloy
	Size – Front*	19"
	Size – Rear*	19"
<b>Dimensions</b>	Overall length*	4,972mm
	Overall width - incl. Mirrors*	2,216mm
	Overall height (mid-laden weight)*	1,877mm
	Wheelbase*	2,880mm
	Track – front*	1,629mm
	Track – rear*	1,625mm
	Curb Weight (Kgs)	2850kg
	Front Head Room*	997mm
<b>Standard Interior Features</b>	<ul style="list-style-type: none"> <li>• 7-inch Touch-screen, Hybrid TV and Hard Disc Drive Navigation.*</li> <li>• Full climate control with individual settings for driver and front passenger*</li> <li>• Driver's seat, steering wheel and door mirror memory*</li> <li>• Bluetooth® capability*</li> <li>• One touch automatic control of air distribution and demisting*</li> <li>• Heated front seats and Steering wheel*</li> <li>• Multi view cameras*</li> <li>• Adaptive Cruise Control*</li> <li>• Full software control system with range remaining indication and conserve power features</li> </ul>	



<p><b>Standard Exterior Features</b></p>	<ul style="list-style-type: none"> <li>• Charging point under petrol flap enabling connection to standard charging point with cable supplied (optional induction charging)</li> <li>• Fast charge system installed at usual night time location of vehicle (i.e. home garage) providing fast charging overnight option (circa 3 to 5 hours depending on available electricity supply)</li> <li>• Rain sensing windscreen wipers and auto lights on*</li> <li>• Ambient and solar sensors with exterior temperature warning*</li> <li>• Park Distance Control (PDC)*</li> <li>• Powerfold Door Mirrors*</li> <li>• Bi-xenon headlamps with LED Signature*</li> </ul>
<p><b>Standard Safety and Security Features</b></p>	<ul style="list-style-type: none"> <li>• Four-channel all terrain Anti-lock Braking System, with Emergency Brake Assist (EBA)*</li> <li>• Roll Stability Control (RSC) and Trailer Stability Assist*</li> <li>• Multiple front, passenger, and side airbags*</li> <li>• Intrusion and perimetric alarm with battery backup sounder and engine immobiliser*</li> <li>• Central locking, superlocking and lazy locking with ignition key/remote transmitter*</li> </ul>
<p><b>Land Rover Factory-installed options and accessories</b></p>	<ul style="list-style-type: none"> <li>• 5 Sizes of Alloy Wheels*</li> <li>• 11 Styles of Interior Trim and Seating*</li> <li>• 16 Styles of Trim Finish*</li> <li>• Dual View Touch Screen and Rear View Entertainment*</li> </ul> <p>For a full list and more information please see <a href="http://www.landrover.co.uk">www.landrover.co.uk</a></p>
<p><b>Liberty Factory-installed options and accessories</b></p>	<ul style="list-style-type: none"> <li>• Roof mounted photovoltaic cells powering heating and ventilation system to provide heating and cooling when the car is parked in cold or hot conditions</li> <li>• Finger print recognition adapting car performance to drivers experience (i.e. younger driver has lower top speed, slower acceleration etc.)</li> <li>• Full range of Liberty personalisation options, including wheels, interior trim, bodywork, in car entertainment, paint work - all available to make your car truly unique</li> </ul>
	<p>* represents standard Land Rover features not changed on Liberty E-Range</p>