

# ELECTRIC CLASSIC DEFENDER CONVERSION KIT

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# Updating and upgrading a British Icon

Electric Classic Cars have been converting classic cars for six years and we are now the biggest converter of classic cars in the world with over 65 cars converted.

We have used this experience and knowledge to create a complete bolt-in “plug and play” conversion kit for the Land Rover Defender.

We have taken the original Defender and dragged it into the 21<sup>st</sup> Century with a powerful electric drivetrain and battery pack, transforming an ICE relic whilst maintaining and improving the performance both on and off-road.

The powerful motor drives front and rear prop-shafts directly giving permanent 4WD, no need for low or high ratio due to the huge torque from zero revs. All this means much easier off-road driving, just two pedals.



# Design & Specification – Defender 90

Power: 200 - 330kW – single gear, custom 4.5:1 gear ratio with ATB fitted

Fully bolt-in direct drive system supplied with balanced prop-shafts

Fully bolt-in battery pack: 82kWh – in sealed aluminium boxes plug and play ready with integrated BMS and cooling.

Charging: 7kW AC with CCS DC 200A – option for 21kW AC

Complete high voltage and low voltage wiring looms ready to plug and play

Custom dial set

Electronic parking Brake

400V heating elements

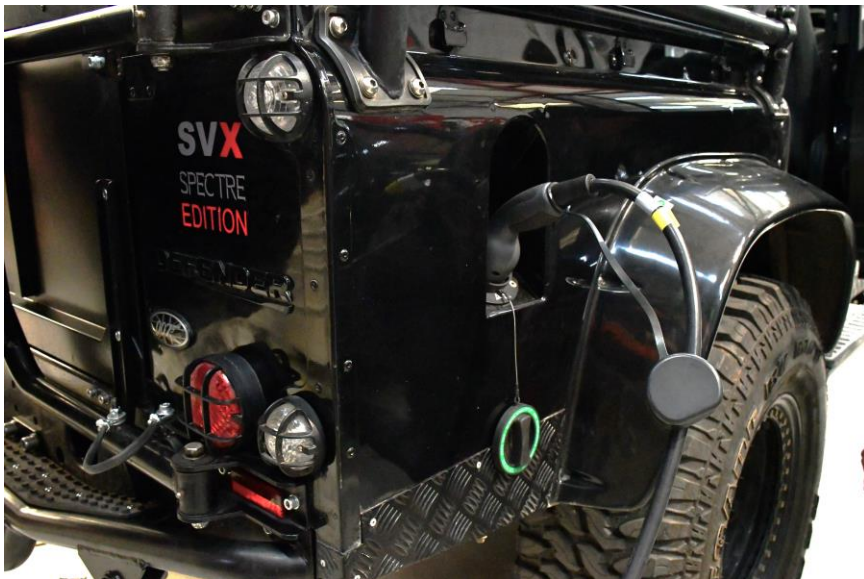
1500W DC/DC converter

Electric boosted braking system

Electric power steering pump

**Optional extras:**

Electric air-conditioning pump and controller





For more information contact Jon Peck

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See videos here;

<https://www.youtube.com/watch?v=B38t7c4xyIU>

<https://www.youtube.com/watch?v=HogqL16yAbk&t=2s>

<https://www.youtube.com/watch?v=IE3D-C5QRk>

[https://www.youtube.com/watch?v=RvyCetgy\\_os&t=7s](https://www.youtube.com/watch?v=RvyCetgy_os&t=7s)

