

eVaro Specifications

Top speed	210k/h (130mph)
Weight	1011kg (2230 lbs)
Fuel efficiency	over 200 mpge (combined city and highway)
Electric range	200k (125 miles)
Range with gas generator	550k (430 miles)
Charging time	3 hours with 220V@40 amps plug-in 1 hour with on-board generator
Cost to charge	\$1.45 @ \$.07 per KW
Cost to travel 2000km	\$15
Acceleration	projected 0-60 in 5 seconds
Generator specs	custom 1100cc 4 cylinder gas engine
Generator Inverter/starter	20 kw
Heat and air conditioning	15,000 BTU heat pump
Visibility	rear view back up camera
Seating	2 seats in tandem.
Power	240kW Max. (400V @ 600A)
Inverters	twin 250kW inverters with custom firmware and source code
Motors	twin custom 400V DC brushless motors with independent shafts.
Transmission	None
Differential	None
Batteries	21 kWh lithium with custom BMS
Battery life	15 years of normal driving (20,000K per year)
Batteries recyclable	Yes
Horsepower	Projected 400 hp total
Torque	Projected 1400 ft/lbs total
Lighting	LED and HID
Front and rear suspension	Independent coil over shock
Braking	80% regenerative , 20% hydraulic

