

## Recharge

## T8 Plug-In Hybrid Extended Range

### One Pedal Drive

Plug-in hybrid Recharge models are capable of true one pedal driving\*. By using brake-by-wire technology to recover and return energy to the battery, the powertrain allows drivers to smoothly control acceleration and deceleration with just one pedal.

### Turbocharged Engine

A specially modified version of Volvo's 4-cylinder, 2.0 Liter gasoline engine provides 312 hp and 295 lb.-ft. torque. When combined with the rear electric motor, up to 455 hp & 523 lb. ft. of torque is available to the driver.

### Rear Electric Motor

The rear electric motor sits on the rear axle and provides 143 hp driving the rear wheels. The placement allows room for a large electric motor, which is useful in stop-and-go city traffic. The rear placement also makes all-wheel drive more efficient by providing the rear axle with an independent power source.



### Crankshaft-Mounted Integrated Starter Generator

A powerful 34 kW starter motor that allows seamless transition between the gas engine and the electric motor. It is also a powerful generator and coordinates with the turbocharger to provide 111 lb.-ft. of extra torque.

### Charging Cable

Every Recharge T8 comes with a TurboCord, which is a dual voltage (110v & 220v) charging cable. This allows customers to charge at home using a standard 110v or 220v wall outlet. The flexibility of the vehicle's industry standard J1772 connectors means customers can recharge their vehicle at thousands of public charging stations. With a 220v power source, the T8 can fully recharge in 5-8 hours.

### Center Mounted 18.8 kWh High Voltage Battery

The placement of the 18.8 kWh battery pack is extremely important. By placing the battery along the center tunnel, there is no compromise on interior space vs. a mild hybrid model. This placement also provides better weight distribution with a low center of gravity and added protection in a crash, reducing the risk of batteries being pushed into people.