

INSIDE THE ALL-NEW FORD F-150 WITH POWERBOOST

The class-exclusive,* available PowerBoost™ hybrid powertrain brings new levels of productivity and power to the all-new F-150. This solution seamlessly combines a proven EcoBoost® engine, 47-horsepower (35-kilowatt) electric motor, regenerative braking, lithium-ion battery and Pro Power Onboard™, offering up power in park and drive to provide mobile generator capability to meet the power demands of work and recreation.

PowerBoost is designed for the demanding needs of truck customers, supporting heavy payload and towing requirements as well as sustained driving with high loads. It will have at least 12,000** pounds of maximum available towing capacity.

With targeted best-in-class torque and horsepower, PowerBoost will have a targeted EPA-estimated range of approximately 700 miles*** on a single tank of gas.

Power in box

120V and/or 240V outlets capable of supplying 2.4kW or 7.2kW available Pro Power Onboard.

1.5 kW-hr lithium-ion battery

is liquid cooled and engineered to minimize weight while delivering optimum performance. It is mounted between the frame rails below the load floor with a unique vibration isolation system, leaving passenger space and cargo area uncompromised.

Pro Power Onboard

2.4kW or 7.2kW inverter converts direct current from the high voltage battery to standard alternating current, useful for tools and devices.

Electrically boosted brakes

and high voltage air conditioning compressor accommodate engine-off situations.

12V battery powers engine

starters while a high to low voltage converter powers low voltage loads.

Ford designed, engineered and assembled **10-speed modular hybrid transmission.**

The 35kW electric motor works in tandem with the engine for power and torque, utilizes **regenerative braking energy** capture, and supports 2.4kW or 7.2kW of available Pro Power Onboard while in generator mode.

Available **3.5-liter EcoBoost V6** adapted for hybrid driving and mobile generator requirements.

Belt driven starter is used for water pump and belt starter motor.

*Class is Full-Size Pickups under 8,500 lbs. GVWR. **Maximum tow on F-150 XL, PowerBoost, 4x2, Maximum Trailer Tow Package.

***Targeted EPA-estimated range applies to an available trim. Actual range will vary. Final EPA-estimated ratings available later in the 2020 calendar year.

