Ford designed, engineered and assembled a 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.

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.

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.

12V battery powers engine starters while a high to low voltage converter powers low voltage loads.

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.

INSIDE THE ALL-NEW FORD F-150 WITH POWERBOOST

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