



Lightning Hybrids

ERS Specifications

SAVES FUEL AND BRAKES

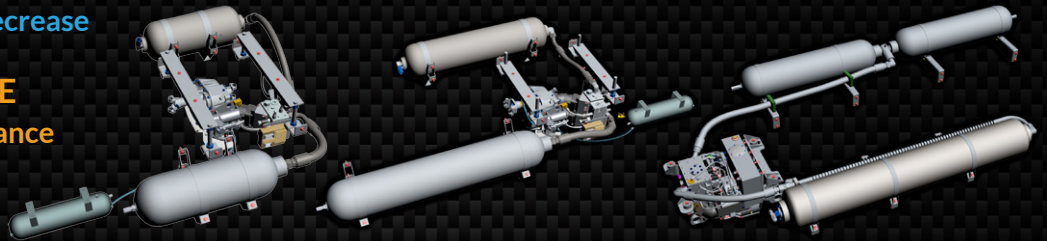
Customers report ROI in one to five years

REDUCES EMISSIONS

Verified 30-50% emissions decrease

INCREASES VEHICLE LIFE

Decreases spend on maintenance



	ENERGY RECOVERY SYSTEM (ERS)		
Vehicle GVWR	10,000 to 20,000 lbs	20,001 to 35,000 lbs	35,001 to 80,000 lbs
Installation	New build or retrofit	New build or retrofit	New build or retrofit
Standard warranty	5yr / 60,000 miles included	5yr / 60,000 miles included	5yr / 60,000 miles included
Extended warranty	5yr / 100,000 miles available	5yr / 100,000 miles available	5yr / 100,000 miles available
Example platforms	Ford E-350, E-450, F-550, F-59 Freightliner MT-45 Workhorse W42 GM 3500, 4500 Mercedes-Benz Sprinter	Ford F-59 Freightliner MT-55, M2, S2C, C2 International DuraStar	contact LH
Wheelbase	≥ 138"	≥ 158"	contact LH
Transmission types supported	manual, auto, AMT	manual, auto, AMT	manual, auto, AMT
ERS weight	650-900 lbs	800-1,000 lbs	1,000-1,500 lbs
System torque addition (braking and accelerating)	600-1,200 ft lbs	1,200 ft lbs	4,400 ft lbs
Peak power	156 kW	312 kW	312 kW
Total energy capacity	0.1 kW hr	0.19 kW hr	0.38 kW hr
Accumulator type	carbon fiber wound type 3	carbon fiber wound type 3	carbon fiber wound type 3
Accumulator capacity	10 or 15 US gallon	15 or 20 US gallon	20 or 30 US gallon
Gear ratio	2:1	2:1	7:1
Data logging & analysis	available	available	available
Telematics	available	available	available

Technical specifications are subject to change without notice. Contact your sales representative or go to lightninghybrids.com for current details.