



Lightning Hybrids

ERS Specifications

SAVES FUEL AND BRAKES

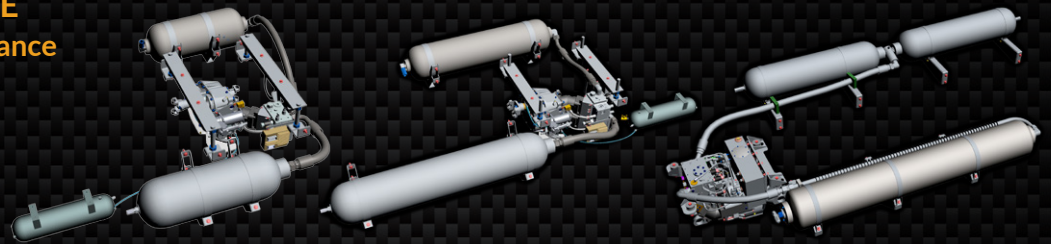
Customers report ROI in one to five years

REDUCES EMISSIONS

Verified 30-50% emissions decrease

INCREASES VEHICLE LIFE

Decreases spend on maintenance



	ENERGY RECOVERY SYSTEM (ERS)		
Vehicle GVWR	> 9 Tonne	9 Tonne to 15 Tonne	15 Tonne to 35 Tonne
Installation	New build or retrofit	New build or retrofit	New build or retrofit
Standard warranty	5yr, 60,000 mile / 100,000 km included	5yr, 60,000 mile / 100,000 km included	5yr, 60,000 mile / 100,000 km included
Extended warranty	5yr, 100,000 mile / 160,000 km available	5yr, 100,000 mile / 160,000 km available	5yr, 100,000 mile / 160,000 km available
Example platforms	Volvo, Eicher, Tata, DAF, Mercedes-Benz, Renault, Ashok-Leyland	Volvo, Eicher, Tata, DAF, Mercedes-Benz, Renault, Ashok-Leyland	contact LH
Wheelbase	≥ 3.50 m	≥ 4.50 m	contact LH
Transmission types supported	manual, auto, AMT	manual, auto, AMT	manual, auto, AMT
ERS weight	300 to 410 kg	360 to 450 kg	450 to 680 kg
System torque addition (braking and accelerating)	800 to 1,600 N m	1,600 N m	6,000 N m
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	38 or 57 litre	57 or 76 litre	76 or 114 litre
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.