

More power to move you.

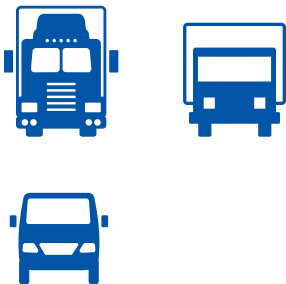
Range Extender (REX)

Loop's Fuel Cell Range Extender (REX) is the most compact, powerful and economic power module, giving medium-to-heavy duty transport project developers an edge in the competitive zero-emission industry.

With unmatched performance and economic advantages, Loop's REX provides extended range for electric powertrains at significantly lower capital and lifecycle costs versus additional battery capacity alone. Our breakthroughs make fuel cell range extension economically viable, especially for short and regional-haul trucking and transit applications due to their operational parameters.

CLEAN URBAN FREIGHT

Port Drayage, Container Trucks
& Vocational Trucks



SMART CITIES

Transit &
School Buses



Loop REX benefits:

- Economically viable
- Leading power density
- 3x range of battery electrics
- Dramatic cost reduction to fuel cell power module
- Drop-in, highly-efficient module with built-in air compressor and controls
- Zero tailpipe emissions
- Low noise pollution
- Near equal or better than cost-parity with fossil-fuel powertrains

Visit us at www.loopenergy.com or call toll free **855.222.1534**

Loop Energy - 200-4664 Lougheed Highway - Burnaby, BC V5C 5T5 Canada

Range Extender (REX) Specifications



	Rated Power	30 kW Net	40 kW Net	50 kW Net	60 kW Net
PERFORMANCE	Operating Voltage	85 - 110 V	110 - 145 V	140 - 180 V	170 - 215 V
	Maximum Current	360 A	360 A	360 A	360 A
PHYSICAL	Dimensions ¹ (l,w,h)	600,400,550 mm	600,400,550 mm	964,488,582 mm	964,488,582 mm
	Weight ¹	125 kg	130 kg	145 kg	150 kg
	Ingress Protection	IP67	IP67	IP67	IP67
	Noise	< 76 dBA	< 76 dBA	< 76 dBA	< 76 dBA
FLUIDS	Fuel Purity	Hydrogen SAE J2719	Hydrogen SAE J2719	Hydrogen SAE J2719	Hydrogen SAE J2719
	Fuel Pressure	8.5 barg	8.5 barg	8.5 barg	8.5 barg
	Coolant	Pure coolant or DI water	Pure coolant or DI water	Pure coolant or DI water	Pure coolant or DI water
	Operating Temp	60 - 70 °C	60 - 70 °C	60 - 70 °C	60 - 70 °C
MISC.	Control Interface	CAN Bus	CAN Bus	CAN Bus	CAN Bus
	Emissions	Zero Emission Compliant	Zero Emission Compliant	Zero Emission Compliant	Zero Emission Compliant
	Safety Compliance	ISO 6469-2, ISO 6469-3, ISO 23273	ISO 6469-2, ISO 6469-3, ISO 23273	ISO 6469-2, ISO 6469-3, ISO 23273	ISO 6469-2, ISO 6469-3, ISO 23273
	Lifetime	10,000+ hours	10,000+ hours	10,000+ hours	10,000+ hours

¹ Integrated system includes air system and fuel cell engine

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