

52V EX150Li

2hp BrushlessPPV



Where Performance and Accessibility Are Paramount!

The RAMFAN EX150Li is the most powerful battery system in the fire service, able to produce 1.4 kW (1.9 hp) for 45 minutes. due to the purpose-built 52 V, 832 Wh PRO//connect batteries. It features All-Terrain 8.5" x 2.5" wheels to roll over any soft terrain or rough cobble stone streets that common skate wheels cannot handle—and a 115° approach angle to ascend stairs or curbs with ease.

Key Features

Rollover Protection System (ROPS) Update

Prioritizing user safety, our fan detects falls, instantly stopping the impeller to minimize injury risk and impeller failure.

Low Voltage Warning

Improve your situational awareness day or night; as batteries deplete to <5 minutes runtime remaining, front LEDs flash - any control input cancels warning.

Upgraded frame

Robust aircraft-grade aluminum tubing, improved molded cord holder and rubber feet placement for downhole and attic venting.

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Swappable 52V Li-Ion Battery Packs



Integrated scene lights



PRO//connect wireless diagnostics with advanced maintenance features



Massive 8.5" (216 mm) all-terrain wheels



More Power Where It Counts!

The RAMFAN EX150Li is the World's Most Powerful Battery Fan, completely surpassing all plug-in electric, and far beyond all other battery-powered, PPV fans on the market. This is made possible with the Intellisense E3 power controller, with intelligence to safely deliver sustained high power, precision motor control, simultaneous dual battery charging, and more.

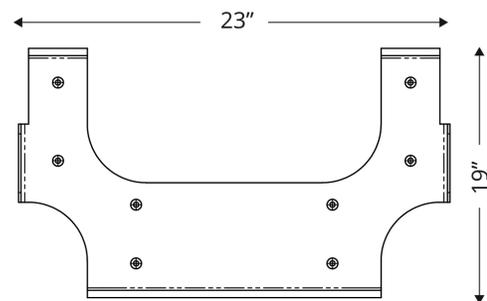


52V EX50Li G3 Diagram

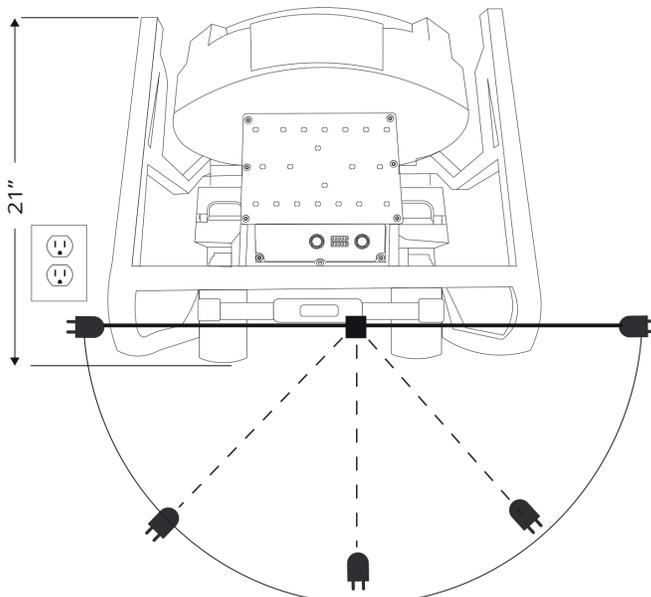


TRUCKFIT

FAN	SIZE		DIMENSIONS (HxWxD)	
	in	cm	in	cm
52V	18	46	23 x 21 x 21	58 x 53 x 53



Vehicle Mount



10"
AC outlet placement
for ontool charging

**Custom cord lengths available upon request*

Technical Specifications

EX150Li (52V_{DC}) 18"/ 46 cm

Order #	115 V _{ac} EL6525-2PK	230 V _{ac} EL6525-E-2PK
Motor	2 hp Brushless PPV	
Runtime @ Max. Speed	DC: 45 minutes (Two battery packs) AC: Unlimited	
Input Voltage Ranges	Universal Input: 85 - 264V _{ac} 1Ø, 47/63 Hz	
Consumption (Running @ 100%, AC)	1638 W	
Consumption (Charging)	81W	
Charger Output	1.5A per battery (simultaneous)	
Battery System	52V Lithium-ion	
Battery System Performance		
Nominal Energy	749 Wh	
Maximum Discharge Current	112A	
Balancing	Adaptive Passive Method	
Cycle Life DoD 80%	>500 Cycles (at 1C charge/discharge 100% DoD)	
IP Rating	IP66	
Communication	Wireless NFC/BLE	
Recycling Mode	Safely Recycle by draining residual energy	
Maintenance Mode	Initiate Cell balancing in low use fans	
Dimension	23 x 21 x 21 in / 58 x 53 x 53 cm	
Weight	63 lbs / 29 kg	
Noise	< 90 dB	
Operating Temp Ranges	-4°F to 105°F / -20°C to 40°C	
Charge Temp Range	-32°F to 105°F / -20°C to 40°C	
Tilt	-6° to +34°	
Conforms To:		
AMCA 240-15 Airflow *Independent Verification		
Battery Power	12,377 cfm (21,041 m³/hr)	