

RAMFAN 52V EX150Li

2hp BrushlessPPV

RAMFAN[®]

Where Performance and Accessibility Are Paramount

Product Overview

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:** Prioritising user safety, our fan detects falls, instantly stopping the impeller to minimise injury risk and impeller failure.
- **Low Voltage Warning:** Improve your situational awareness day or night; as batteries deplete to <5 minute 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.
- **Swappable 52V Li-Ion Battery Packs**
- **PRO//connect wireless diagnostics with advanced maintenance features**
- **Integrated scene lights**
- **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.



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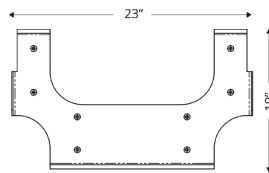
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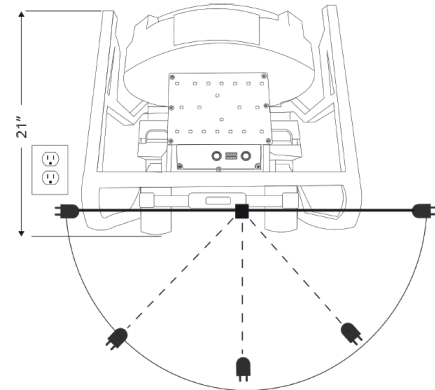
52V EX150Li G3 Diagram / Dimensions



| 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 | | |
|--|--|---------------------------------|
| Part # | 115V _{AC} EL6525-2PK | 230V _{AC} EL6525-E-2PK |
| Motor | 2 hp BrushlessPPV | |
| Runtime @ Max. Speed | DC: 45 minutes (Two battery packs) AC: Unlimited | |
| Input Voltage Range | 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 Ranger | -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: | CE AMCA | |
| AMCA 240-15 Airflow *Independent Verification | | |
| Battery Power | 12,377 cfm (21,041 m ³ /hr) | |

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