

RAMFAN 40V EX50Li

1hp BrushlessPPV

RAMFAN®

Quick and Efficient All-Purpose Battery Ventilator

Product Overview

The 2nd Generation RAMFAN EX50Li is built around the Intellisense E3 controller, delivering smarter power management, ROPS (roll-over protection) with autoshtutdown for user safety, LED flood lights with visual low voltage warning, and on-tool charging.

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.
- **Integrated scene lights**
- **PRO//connect wireless diagnostics with advanced maintenance features**
- **Integrated misters rapidly cool and rehabilitate.**
- **Wheel Kit allows firefighters to pull the fan stepby-**

Refined into the Pinnacle of Tactical Ventilation Tools

With over 5 years, and 3,000+ units deployed into service, the EX50Li is the world's most trusted batterypowered PPV fan. The 2nd Generation RAMFAN EX50Li is built around the Intellisense E3 controller, delivering smarter, power management, BMS redundancy, on-tool charging, and Pro//Connect compatibility. Intuitive user interface for 1, 2, GO operation. Two large, hard-anodized control knobs give users the ultimate inglove-compatible fan control.



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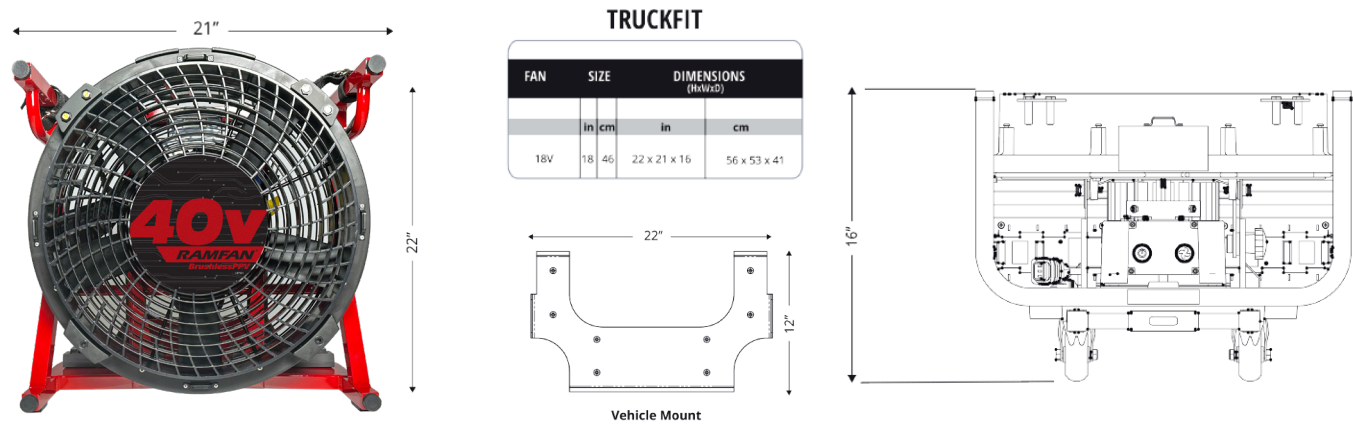
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Diagram / Dimensions



Technical Specifications

	PRO//Connect	Makita
Part #	115V _{AC} EL5500-2PK 230V _{AC} EL55230-2PK	115V _{AC} EL5540MK 230V _{AC} EL5540MKCE
Motor	1 hp BrushlessPPV	
Runtime @ Max. Speed	DC: 45 minutes (Two battery packs) AC: Unlimited	
Input Voltage Range	Universal Input: 85 - 264V _{AC} 1Ø, 50/60 Hz	
Consumption (Running @ 100%, AC)	748 W	
Consumption (During On-Tool Charging)	81W	On-tool charging not supported
Charger Output	1.5A/3A per battery (simultaneous)	On-tool charging not supported
Battery System	40V Lithium-ion	Makita XGT 40V max8.0 Ah Li-ion
Battery System Performance Nominal Energy Maximum Discharge Current Balancing Cycle Life DoD 80% IP Rating Communication Recycling Mode Maintenance Mode	504 Wh 48 A Adaptive Passive Method >500 Cycles IP66 Wireless NFC/BLE Residual draining Initiate Cell Balancing	See Makita specification
Dimension	22 x 21 x 16 in/56 x 53 x 41cm 22 x 21 x12 in/56 x 53 x 30cm (wheel kit removed)	
Weight	54 lbs / 25 kg	
Noise	< 87 dB	
Operating Temp Ranganer	-4°F to 105°F / -20°C to 40°C	
Charge Temp Range	-32°F to 105°F / -20°C to 40°C	
Tilt	-10° to +34°	
Conforms To:	CE AMCA	