

# RAMFAN 40V EX50Li

## G2+ BrushlessPPV™

Quick and Efficient All-Purpose Battery Ventilator

**RAMFAN®**

### Product Overview

The 2nd Generation RAMFAN EX50Li is built around the Intellisense E3 controller, which now features a new OLED screen, delivering smarter power management, ROPS (roll-over protection) with auto-shutdown for user safety, LED flood lights with visual low voltage warning, on-tool charging, fan-level PRO//connect diagnostics and remote controllability (not-battery only).

### 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 downhold and attic venting.
- **New OLED screen:** The G2+ controller now features a new OLED screen that displays Battery Level, Runtime, fan-level PRO//connect diagnostics, and Warning/Error Messages.

### 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 battery-powered 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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Integrated scene lights



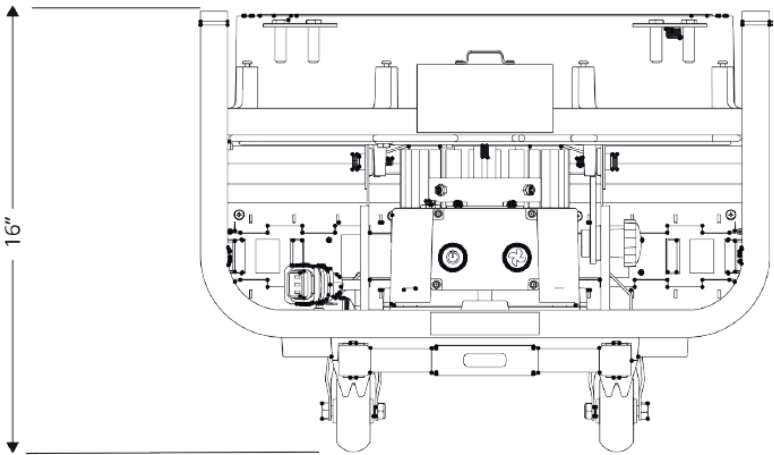
New OLED screen displaying warning and error messages as well as battery levels.



PRO//connect wireless diagnostics with advanced maintenance features and remote controllability (not battery-only).

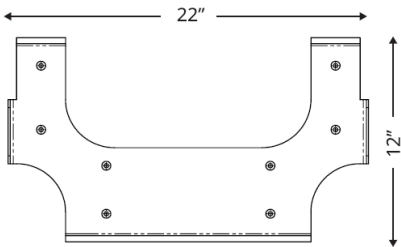


Wheel Kit allows firefighters to pull the fan step by-step in a fast, efficient order.



TRUCKFIT

| VENTILATEUR |  | TAILLE |    | DIMENSIONS (HxWxD) |              |
|-------------|--|--------|----|--------------------|--------------|
|             |  | in     | cm | in                 | cm           |
| 18V         |  | 18     | 46 | 22 x 21 x 16       | 56 x 53 x 41 |



Vehicle Mount

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## Technical Specifications

| Model Number                          | PRO//Connect                                                                        | Makita                          |
|---------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|
| 115V<br>230V                          | EL5500-2PK<br>EL55230-2PK                                                           | EL5540MK<br>EL5540MKCE          |
| Motor                                 | 1 hp Brushless PPV                                                                  |                                 |
| Runtime @ Max. Speed                  | DC: 45 minutes (40V/6Ah)<br>70 minutes (40V/10Ah)<br>AC: Unlimited                  |                                 |
| Input Voltage Ranger                  | Universal Input: 85-264V <sub>AC</sub> 1Ø, 50/60 Hz                                 |                                 |
| Consumption (Running @ 100%, AC)      | 700 W                                                                               |                                 |
| Consumption (During On-Tool Charging) | 126W                                                                                | On-tool charging not supported  |
| Charger Output                        | 3A/1.5A per battery (simultaneous)                                                  | On-tool charging not supported  |
| Battery System                        | 40V Lithium-ion                                                                     | Makita XGT 40V max8.0 Ah Li-ion |
| Nominal Energy                        | 720 Wh                                                                              | See Makita specification        |
| Maximum Discharge Current             | 20 A                                                                                |                                 |
| Balancing                             | Adaptive Passive Method                                                             |                                 |
| Cycle Life DoD 80%                    | >500 Cycles                                                                         |                                 |
| IP Rating                             | IP66                                                                                |                                 |
| Communication                         | Wireless NFC/BLE                                                                    |                                 |
| Recycling Mode                        | Residual draining                                                                   |                                 |
| Maintenance Mode                      | Initiate Cell Balancing                                                             |                                 |
| Dimensions                            | 22 x 21 x 16 in/56 x 53 x 41cm<br>22 x 21 x12 in/56 x 53 x 30cm (wheel kit removed) |                                 |
| Weight                                | 54 lbs / 25 kg                                                                      |                                 |
| Noise                                 | <87 dB                                                                              |                                 |
| Operating Temp Range                  | -4°F to 105°F / -20°C to 40°C                                                       |                                 |
| Charge Temp Range                     | -32°F to 105°F / -0°C to 40°C                                                       |                                 |
| Tilt                                  | -6° to +34°                                                                         |                                 |
| Conforms to                           | CE AMCA                                                                             |                                 |

