

40V EX50Li G3

1.3hp 1kW BrushlessPPV



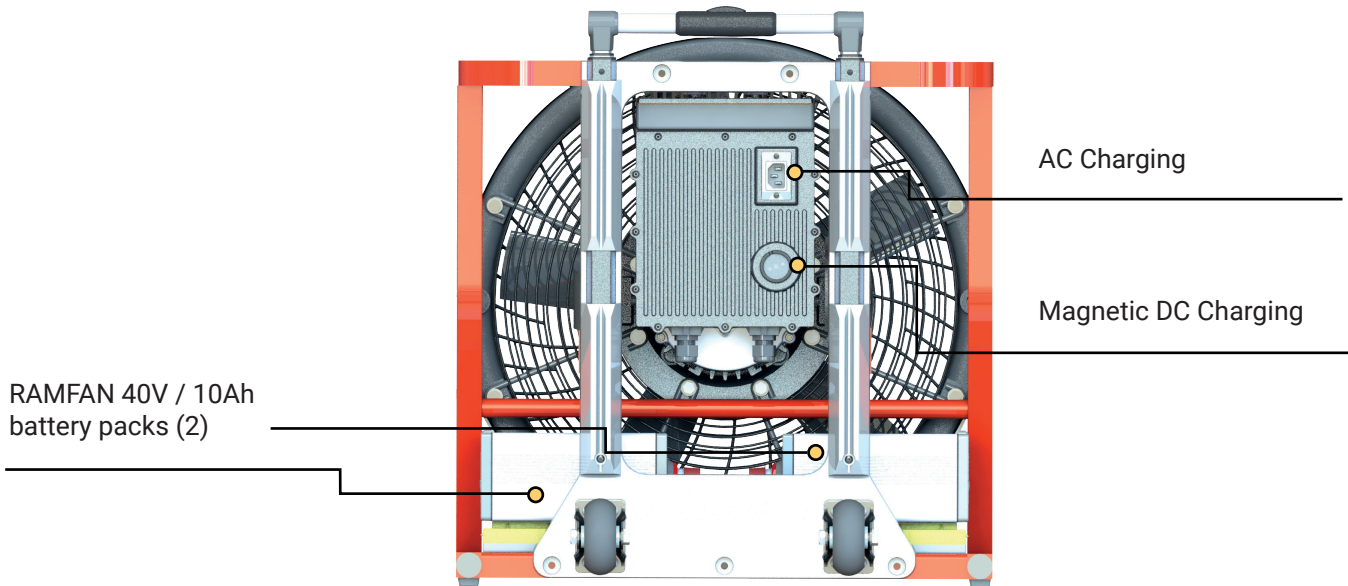
Superior upgrade designed exclusively for firefighting

The RAMFAN 40V EX50Li G3 (EL5900) provides the highest power available for firefighters with upgrades that includes an increased power of 67% higher than the Gen 2 EX50Li, a new OLED digital display on the controller and magnetic DC charging.

Key Features

User Interface	OLED digital display with runtime, speed settings, modes, and messages/
Wireless Connectivity	Pro//connect allows remote operations and diagnostics.
Safety Features	<ul style="list-style-type: none">• ROPS: Faster response for enhanced safety during critical movements.• LED Flood Lights: Low runtime warning with integrated shroud flash signaling.
DC Charging	<ul style="list-style-type: none">• On-tool DC charging now compatible with fire apparatus onboard 12VDC systems• Magnetic wireless DC charger simplifies during oeperations

40V EX50Li G3 1.3hp 1kW BrushlessPPV



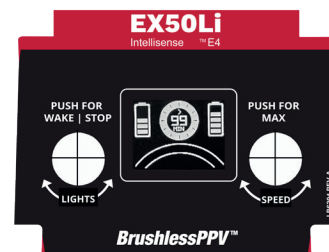
67% higher power than the Gen 2 EX50Li with a better runtime (45 minutes)



On-tool DC charging



Integrated OLED digital display with runtime, speed settings, modes, and messages.



Now available with all-terrain wheels!



Unmatched 1kW motor
performance for superior
ventilation.

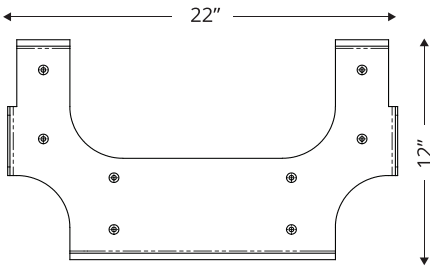
The RAMFAN EX50Li G3 Brushless PPV (EL5900)
provides a highly efficient and adaptable solution for
firefighters. Now available with rugged all-terrain wheels!



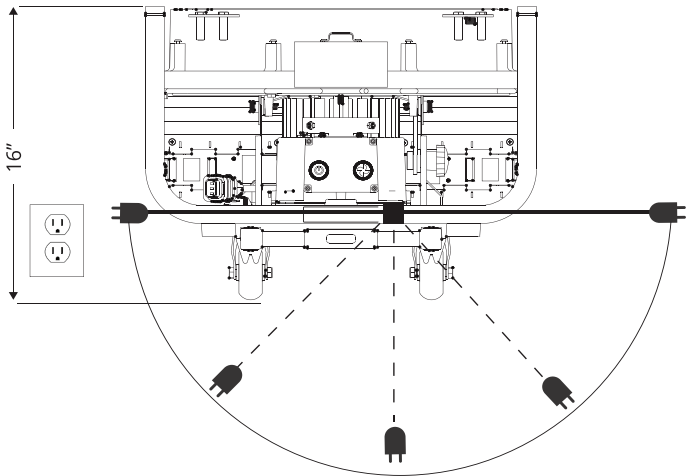
40V EX50Li G3 Diagram



TRUCKFIT				
FAN	SIZE		DIMENSIONS (HxWxD)	
	in	cm	in	cm
40V	18	46	22 x 21 x 16	56 x 53 x 41




Vehicle Mount



10"
**AC outlet placement
for ontool charging**
*Custom cord lengths available upon request

Technical Specifications

EX50Li G3 (40V_{DC}) 18"/ 46 cm

Model Number		PRO//connect	
	Input Voltage	115V	230V
	Urban Edition	EL5900-2PK	EL59230-2PK
	All-Terrain Edition		
Motor	1kW Brushless PPV		
Runtime @ Max. Speed	DC: 24 min - 40v/6Ah		30 min - Makita XGT 8Ah
	40 min - 40v10/10Ah		
	AC: Unlimited		
Input Voltage Ranger	Universal Input: 90-25V _{ac} , 1Ø, 47/63 Hz		
Consumption (Running @ 100%, AC)	700 W		
Consumption (During On-Tool Charging)	81W		
Charger Output	1.5A/3A per battery (simultaneous)		
DC Charger	Optional		
Battery System Performance			
Capacity	40v/10Ah = 720 wh		
Nominal Energy	540 Wh		
Maximum Discharge Current	48 A		
Cycle Life DoD 80%	>500 Cycles (at 1C charge/ discharge 100% DoD)		
IP Rating	IP66		
Wireless Diagnostics:	via NFC/BLE to PRO//connect mobile app		
Recycling Mode	Safety Recyle by draining residual energy		
Maintenance Mode	Initial Cell Balancing in low use fans		
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	52 lbs		
Noise	<87 dB		
Operating Temp Range	-4°F to 105°F / -20°C to 40°C		
Charge Temp Ranger	-32°F to 105°F / -0°C to 40°C		
Tilt	-10° to +34°		
Conforms To	 AMCA		
Airflow: 11,750 cfm (20,000 m./hr) [AMCA 240-21 pending)			