

# M-Series Intelligent Rechargeable Battery Pack

The next generation RAMFAN® M-series Intelligent Battery Pack provides reliable, high-energy density power solutions for ultra high-discharge, sustained runtime firefighting equipment. The first of the new M-series Intelligent Battery Packs, the M1 includes built-in protection, monitoring, power control, and battery conditioning to give first responders the confidence to safely deploy high-performance equipment in harsh environments.

**BIG POWER** – 375 Wh is in another category. Put two M1 packs in parallel and you have enough energy to put out a continuous 2 hp for more than 30 minutes.

**NEW TECH** – Powered by the, latest and greatest, Very High Capacity and Ultra High Discharge 21700 cells—these are, simply put, the highest performance cells on the market.

**NEW - PRO//connect** is a wireless connectivity technology, exclusive to RAMFAN that gives firefighters the ability to track the condition of their battery packs over time, measure internal conditions, track cycle counts, upgrade BMS firmware, troubleshoot and even conduct basic maintenance of their battery packs.

**FAIL-SAFE REDUNDANCY** – The RAMFAN M-Series Battery Pack is designed for ultimate reliability for jobsites where equipment readiness is critical. Each pack is delivered with fail-safe redundancy built-in. If a single cell were to fail in the field, the pack remains operational.

**HIGH ENERGY DENSITY** – The lithium ion chemistry provides extremely high energy density while still maintaining good cycle life and performance, which are desirable for high draw, sustained runtime applications.

**SWAPPABLE** – The design of the M-Series Battery Pack allows a user to quickly replace a discharged battery with a charged one without ever turning off the equipment, allowing users to maintain critical operations without disruption.

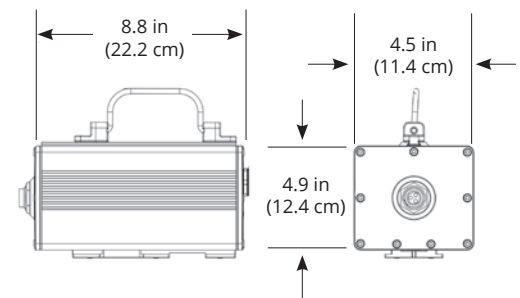
**RECHARGEABLE** – With the fully automated charging system, full battery recharge can be accomplished in four hours or less.

## OTHER FEATURES

- Housing made from hard-anodized aluminum alloy
- Safety electronics for monitoring and prevention of over-voltage, under-voltage, over-current and over-temperature conditions.
- Folding handle for easy stowing

## SPECIFICATIONS

Weight	6.5 lb (2.9 kg)			
Ingress Protection	IP66			
Energy Capacity	375 Wh			
Voltage	52V			
Capacity	8.0 Ah			
Certifications	UN/DOT 38.3	IEC 62133	CNAS	WEEE



## AVAILABLE ACCESSORIES

### Dual Pack Charger

Order# M16515

- Input Voltage: 120-240 VAC
- Charge Current: 3 Amps Output per Pack, simultaneously

Order# M16515DC

- Input Voltage: 12-24 VDC
- Charge Current: 1.5 Amps Output per Pack, simultaneously

### Swappable PRO//connect 52V Li-Ion Battery Pack

Order #M1-52V

- Spare Battery (recommend ordering 2)

