



CRG Defense

Doing Defense Differently™



CRG RF-0 Wearable Safe Power Pack

Power Where You Need It, When You Need It.

CRG Defense's patented RF-0 wearable safe power pack is designed to be compatible with body armor systems, deliver advanced safety, reduce weight, and provide operational convenience to the modern warfighter. This high-performance battery is engineered to withstand ballistic threats while maximizing comfort and usability.



Inherently Safe

Superior safety vs. conventional military batteries under crush and ballistic penetration conditions.



Improved Wearability

Slim design and light weight enhance comfort and distributes load for dismounted operators.



Integrated Protection

Sensors provide overtemperature, overvoltage, and overcurrent protection for extended system lifespan.



Armor Compatibility

Designed to conform to body armor vests, providing seamless integration for the end user.



System Compatibility

SMBus communication supports state-of-charge and cycle-life monitoring. Designed for compatibility with military battery chargers and NETT Warrior connector systems.



Standardized Connectors

Compatible with Glenair 807-309-06ZNU6-6PY, 7DY (6/7 Pin), and MKJ4 NETT Warrior connectors.

Technical Specifications

Property	RF-0 Specification
Ballistic Safety	No fire or thermal runaway when shot with API rounds for 2+ minutes
Nominal Capacity	10.25 ± 0.65 Ah
Nominal Voltage	14.6 V (Range: 10.0–16.8 V)
Energy	150.0 ± 9.9 Wh
Current Output	5A Max
Weight	<3.4 lb (1.54 kg)
Thickness	~1.05 in
Volume	~68 in ³
Operating Temp	-30°C to +60°C (-22°F to 131°F)
Storage Temp	-32°C to +71°C (-26°F to 160°F)
Cycle Life	>250 cycles (to 80% capacity)
Communications	SMBus
Ingress Protection	IP67 (GORE vented)
Connectors	Glenair/MKJ4, NETT Warrior, 6/7 pin
Standardized Testing	Mil-PRF-32383 testing in progress. UN 38.3 third-party lab certification (expected Q2 2026 for packs)



CRG RF-0 Ballistic Testing Results

Rifle Round (7.62mm)



Conventional
Electrolyte

Conventional
Electrolyte



Nonflammable
Electrolyte

API (Armor-Piercing Incendiary) Rifle Round (7.62mm)



Nonflammable
Electrolyte

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