



HALF-SIZE BA-5590 | NSRDEC, CERDEC, ARL

- A lightweight version of the standard BA-5590, offering twice the Watt-hours per kilogram (Wh/Kg).
- Two variants: Half-size (.51Kg) with equivalent power and a full-size with twice the power (1.02Kg).
- Used for long haul radios such as the AN PRC-117G.
- Lithium-Carbon MonoFluoride (Li/CFx) chemistry provides twice the energy density of the Lithium-Sulfur Dioxide (Li/SO₂).
- Offers an LED readout displaying the state of charge of the battery.
- Powers many Soldier-carried communications equipment.



WHY IS IT NEEDED?

Soldiers carry an increasing amount of communications equipment onto the battlefield which demands significant weight in batteries. Any decrease in weight without loss of power supply will allow the Soldier to move faster, further and for an extended duration.

SOLDIER PAYOFF:

The half-size cuts the weight and volume of the standard in half without sacrificing any power capability. The reduction in weight unburdens Soldiers' loads, empowers them to extend the mission duration and enables them to carry other mission essential equipment.

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