



MOVE AHEAD WITH THE UNSHAKEABLE BATTERY.



Your radio is a critical tool to coordinating all the logistics. But driving over rugged terrain or using heavy machinery can vigorously shake your radio and damage the essential parts of its battery. Fortunately vibrations that harm ordinary batteries don't affect ours. That's because we build our batteries for superior performance and then test them against our competition.

See how we're proven tougher than the rest.

THE VIBRATION TEST

The Method: Using the same test set-up as the US Military does for its equipment (MIL810F Method 514.5), each battery is attached to the appropriate radio and then vibrated in two different ways:

Sine vibration (a regular, repeating pattern):

- ▶ 3 hours along the vertical axis
- ▶ 3 hours along the horizontal axis
- ▶ 3 hours along the perpendicular horizontal axis

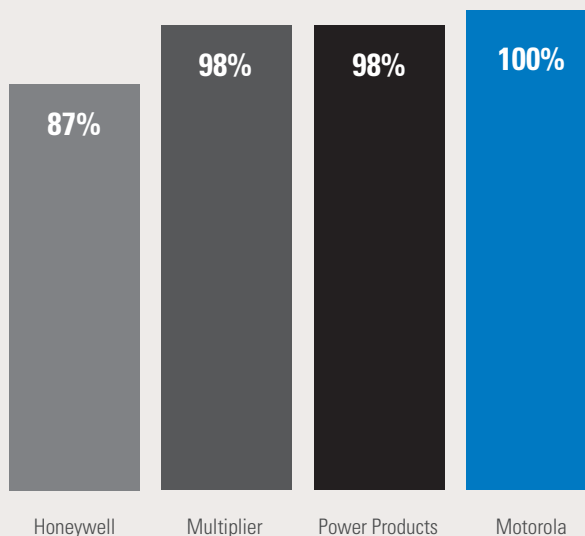
Random vibration (no predictable pattern):

- ▶ 1 hour along the vertical axis
- ▶ 1 hour along the horizontal axis
- ▶ 1 hour along the perpendicular horizontal axis

The Inspection: The batteries are inspected after each axis of vibration for the following issues:

- ▶ Cracking or splitting open
- ▶ Damage to the connection with the radio
- ▶ Inability to charge

Pass Rate:



Broken latches and failure to provide power were the major causes of failure.

Motorola batteries. Proven Tough.
Experience the difference at www.motorola.com/proventough