

Two-Way Radio Battery Care Tips

Follow the simple tips below to achieve peak performance and a long battery life from your two-way radio batteries.



Charge the battery to full capacity.

- This requires 14 hours at the standard C/10 rate (capacity X .10).
- For rapid chargers, allow additional time (2-3 hours) for “topping off” the charge after it switches from charging to complete.

Use the battery soon and use as much of the battery capacity as possible or practical.

- A battery that is charged and discharged completely will maintain the longest running time capacity.
- Several charge/discharge cycles are recommended to bring a new battery up to its rated capacity

Store and charge the battery at room temperature 65°F to 75°F.

- Batteries stored for more than a month should be recharged before being put into service.
- Chemical self-discharge occurs at a rate of approximately 1% per day.
- Do not charge cold batteries (40°F or below – allow to return to room temperatures before charging).

Reduced capacity or “memory effect” may result from repeated shallow discharge/full recharge cycles.

- Under these conditions, run the battery until the instrument loses all power.
- Fully recharge and discharge again.
- Repeat full charge and discharge cycle 3-4 times.
- This restores the battery to full usable capacity.

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