

Get the most out of your locator system with our smart batteries and chargers

Improved **safety**, with intelligent **features** and increased **durability**

Smart Battery Safety Features



Overcurrent protection

Prevents battery from overcharging.



Circuit protection

Shuts down when there is an error in the circuit.

For example, when an incompatible charger is plugged in, the battery will not charge.



Thermal protection

4 temperature sensors that identify and prevent overheating.



Overload protection

Prevents overcurrent that can cause overheating.



Cell voltage monitors

Monitors integrity and functionality of cells.



Low voltage charge / discharge protection

Completely discharging a lithium cell is stressful to the cell and reduces cell lifetime.

BEST PRACTICE TIPS

Store batteries at 40%-60% charge

Keep charge between 20%-100%

Always use chargers supplied by manufacturer

Disconnect battery when charging is complete



Smart Charger Safety Features



Overcurrent protection

Charger will shut down in the event of overcurrent and recover automatically when the fault is removed.



Short circuit protection

Prevents causing damage to the charger in the event of a short circuit.



Overvoltage protection

During charging, the charger will automatically cut off when the battery voltage exceeds the limit.



Built in timer

The charger will automatically cut off when the charging time exceeds 6.5h.



Battery monitoring

The charger monitors the battery during the charging process by measuring the voltage of the battery.



Staged Charging

Charge starts slowly at 20% of output power, depending on whether battery is able to take charge.



Compatibility

Precision locator range

RD8200(G) · RD7200 ·
RD8100 · RD7100 · RD5100

Marker ball locator range

RD8100MRX · RD7100MRX ·
RD8000MRX · RD7000+MRX

Pipeline current mapper

PCMx

Transmitter range

Tx-10(B) · Tx-5(B) · Tx-3(B) ·
Tx-1 · RD5100H₂O+ Tx