RADIODETECTION®

SPX®

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 · RD5100H_2O_+ Tx

Cable Locators & Survey