Batteries & Chargers

Hot swap and recharge

The G6 Transmitters run on either NiMH (Nickel Metal Hydrid) or Li-ion (Lithium-Ion) batteries (you choose when designing the unit!)

Both battery types have their advantages, which let the machine developer, owner and operator choose what works best for them regarding e.g., work environment, charging cycles and capacity. Both versions can be hot swapped and recharge fully in 2-3 hours. The G6 Mini Transmitter has room for two batteries and the transmitter will run on one at the time, or leave one in while another is charging.

Batteries – Main features comparison

	NiMH	Li-ion
Weight	227g (0,50 lb)	260g (0,47 lb)
Protection category	IP65	IP67
Battery capacity	2000 mAh	5100 mAh
Operating voltage Nominal	7,2V	7,2V
Charging time	2h	3h
Charging cycles	>500	>1000
Charging temperature	10°C to +45°C 50°F to 113°F	10°C to +45°C 50°F to 113°F
Discharge temperature	-20°C to +50°C -4°F to 122°F	-20°C to +60°C -4°F to 140°F

Chargers

For each battery type, charger versions are available to accommodate the need for different charging possibilities:

Flying Leads 10-30 VDC	Available for NiMH and Li-ion	IP21
Power Supply 110-230 VAC	Available for NiMH and Li-ion	IP21
Car Adapter 10-30 VDC	Available for NiMH and Li-ion	IP21

Also available:
- extra Li-ion or NiMH batteries
- chargers for different power supplies
- cables
- sensors
- CAN gateways

... and more

Talk to your Scanreco Point of Contact to order.

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