

Batteries

WHY Motorola Original Batteries?

DATA SHEET



Depending on your energy needs
Motorola offers three battery chemistries

Lithium Ion (Li-ion)

Lighter batteries that work for longer. Higher capacities and lower density offer maximum talktime in in a compact and light product. Lilon batteries have minimal self discharge. They also offer a major advantage of not experiencing "memory effect" – so not maintenance is required. However they are not recommended for low temperatures under -10°C

Nickel-Metal Hydride (NiMH)

They can work 40% to 50% longer between chargers than NiCd batteries of similar size, but don't operate as efficiently on extreme temperatures. NiMH contains fewer toxic chemicals, so disposal is more environmentally friendly.

Nickel Cadmium (NiCd)

Which are the most cost effective batteries for many applications, since they provide longer cycle life than other types. They are ideal for any user who needs a high-performance battery and who communicates under extreme conditions of cold and heat (-30°C to +50°C). NiCd batteries can experience "memory effect" – not returning to full capacity after being recharged too soon – but Motorola Impres batteries used with Impres charger can help that from happening.

GP320/340/360/380/140/640/680/ 1280/240/280/540/580	
HNN9008	NiMH 1400mAh
HNN9009	NiMH 1900mAh
HNN9010	NiMH 1800mAh FM
HNN9011	NiCd 1550mAh FM
HNN9012	NiCd 1550mAh
NNTN5510	Li-ION 1650mAh ATEX
HNN9013	Li-ION 1600mAh
HNN4001	Impres NiMH 1900mAh
HNN4002	Impres NiMH 1800mAh FM
HNN4003	Impres Li-ION 2000mAh

GP344/GP388 /GP644/GP688	
JMNN4025	NiMH 700mAh FM
JMNN4023	Li-ION 1000mAh
JMNN4024	Li-ION 1300mAh
CP040/CP140/160/180	
NNTN4851	NiMH 1400mAh
NNTN4852	NiMH 1300mAh FM
NNTN4496	NiCd 1100mAh
NNTN4497	Li-ION 2250mAh
NNTN4970	Li-ION 1600mAhh



Motorola Original Products have to pass stringent design and test standards before we will sell them to you

We engineer each Motorola battery to provide optimum performance with Motorola radios and accessories. Batteries are an integral part of a radio system design and can positively or negatively impact radio performance over their life cycle.

High battery impedance which can be due to environmental stresses or different electrical

interconnection (if non-Motorola batteries are used) causes, poor transmit and receiver sensitivity, charger to terminate improperly resulting in "undercharge" or "overcharge"

Therefore, it is critical that only high quality batteries and chargers are used, which have been fully tested with the entire radio system.