



PRODUCT SHEET

valid from 25/08/2025

IDENTIFICATION OF THE BATTERY FOR MEDICAL DEVICE	Type	Rechargeable battery	 
	Commercial designation	NiMH industrial battery AAA 1.2V 800mAh HBL	
	Reference	ACH9108	
	EAN	3660766495082	
	Brand	NX	
	Compatible / Original battery	Compatible	
	Packaging	Unitary	
	Refurbishable	yes	

RECOMMENDED USAGE

Follow the instructions and recommendations specific to each model, using the technical instructions and document resources from the devices in which the battery is used

Brands	Equipment	Models	PN
N/A	N/A	N/A	N/A

IDENTIFICATION	GENERAL TECHNICAL CHARACTERISTICS	Chemistry	Nickel-metal hydride
		Type	AAA
		IEC designation	1 HRMR 11/45
		Rated voltage	1,2 V
		Nominal capacity	800 mAh
		Internal resistance Ω	< 65 Ω
	Performance	Warranty	24 months
		Cycle lifespan	Up to 500 Cycles*
Shelf lifespan		Up to 5 years**	

\*Value valid at 0.5C, 80% depth of discharge (DOD), 20°C; \*\*Value valid at 20 °C under optimal storage conditions.

The voltage and the actual capacity in use can be affected by several factors, especially the temperature, the discharge current, the pack's history (ex:use, storage), etc

ELECTRICAL CHARACTERISTICS	CHARGE	Maximum charging voltage	1,4 V
		Standard charging current	80 mA
		Fast charging current	400 mA
	DISCHARGE	Range of operating voltage	1 V to 1,4 V
		Min tension in discharge	1 V
		Max discharge current	800 mA
	CONTROL ELECTRONICS	Electrical protection	No
		Low voltage detection threshold	No
		Over voltage detection threshold	No
		Over current detection threshold	No








These devices not only designed to protect the pack in case of an equipment failure. They must not be used to control the discharge. The protection circuits have a response time of a few milliseconds.

MECHANICAL CHARACTERISTICS	Dimensions (+/- 2mm)	Length	10,20 mm
		Width	N/A
		Depth	43,50 mm
	Weight	12,80 Gr.	
	Mechanical protection	N/A	
	Wire length (+/- 5mm)	N/A	
Terminal	Nickel Plated M/Steel: 0.127 x 3 x 20mm		

CONDITIONS OF USE, STORAGE, AND TRANSPORT	CONDITIONS OF USE	Charging temperature	0°C to 45 °C
		Discharge temperature	-20 °C to 60°C
	CONDITIONS OF STORAGE	Storage temperature	-20 °C to 45°C
		Humidity range	<65% ± 20% RH
		Recharge interval	Up to 47 months*
	TRANSPORT	UN code	N/A
		ADR/RID classification	N/A
		IMDG classification	N/A
		IATA classification	N/A
		Capacity in watt-hours	0,96 Wh

\* Value valid at 20°C

<b>EN-0565 EN FR (11)</b> <b>Technical Product Sheet</b> <b>Rechargeable Battery</b> <b>Family _ Fiche produit</b> <b>atelier famille</b> <b>rechargeable</b>	<b>COMMISSIONING</b>	<ul style="list-style-type: none"> <li>• Check the batteries and the connectors: wires not damaged, battery not swollen, burnt smell, oxidation of the connectors, leak...</li> <li>• Respect the polarity</li> <li>• Do a full charge with the adequate charger before the first use</li> </ul>
	<b>CHARGE</b>	<ul style="list-style-type: none"> <li>• Use an adequate charger</li> <li>• The battery is warmer during the charge: during the first charge, check that the battery's temperature stays in the temperature operating ranges.</li> <li>• In case of an abnormal heating, stop the charge by unplugging the charger within the realms of possibility, remove the battery from the equipment de l'équipement, have the equipment, the battery and the charger checked by a technician.</li> </ul>
	<b>CASE OF NON-WATERPROOF BATTERIES</b>	<ul style="list-style-type: none"> <li>• It is normal to observe a release of gas during the charge and use. Do not smoke. Place in suitable premises.</li> <li>• Open batteries need regular maintenance carried out by a qualified technician.</li> </ul>
	<b>CASE OF LITHIUM ION BATTERIES</b>	<p>There is a fire hazard with lithium ion batteries in the following cases: overload, short circuit, charge and use outside the voltage and temperature ranges.</p>
	<b>WARNINGS</b>	<ul style="list-style-type: none"> <li>• Read the instructions of your device.</li> <li>• Only use in compatible devices.</li> <li>• Respect the load and storage conditions.</li> <li>• Do not use if the battery is damaged, do not burn, do not pierce, do not dismantle or modify. The protection circuits protect the battery and the equipment: do not deactivate them.</li> </ul>

<b>EXPLANATION OF SYMBOLS</b>	<b>LABELLING</b>	
		Catalogue reference
		Lot number
		Manufacturer's address
		To recycle in a suitable salvage and recycling structure
		Read the product sheet and the instruction manual
		Production date
		compliant with all EU regulation applicable to this product, including the 2023/1542 regulation