


PRODUCT SHEET

Valid from 15/04/2021

IDENTIFICATION OF THE MEDICAL DEVICE	Type	Rechargeable battery	
	Commercial designation	Batterie médicale 20 x HR A 20S1P ST7 24V 2.7Ah 2 Wy 5557 double row	
	Reference	MGH28420	
	EAN		
	Brand	NX	
	Compatible / Original battery	Compatible	
Packaging	Unitary		

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
Liko	Lève-malade	Golvo 8008 / Viking M	

Identification	GENERAL TECHNICAL CHARACTERISTICS	Chemistry	Ni-Mh
		Type	A
		IEC designation	20 HRHR17/50
		Rated voltage	24V
		Nominal capacity	2,7Ah
	Internal resistance Ω	400mΩ	

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	32V
		Standard charging current (15h)	270mA
		Fast charging current	2,7A
	DISCHARGE	Range of operating voltage	20V at 32V
		Min tension in discharge	20V
		Max discharge current	2,7A
		Lifespan 80% DOD (0,5 C)	500Cycles
	MAINTENANCE	Frequency of maintenance charges at 20°C	3Months
	CONTROL ELECTRONICS	Electrical protection	Yes
		Low voltage power cut	No
High voltage power cut		No	
Max power cut voltage		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	172mm
		Width	53mm
		Depth	33mm
	Weight (+/- 5g)		0,7kg
	Mechanical protection		Sleeve
	Wire length (+/- 10mm)		100m
	Terminal		Molex 5557

CONDITIONS OF USE, STORAGE, AND TRANSPORT	CONDITIONS OF USE	Charging temperature	0 at 40°C
		Discharge temperature	0 at 50°C
	CONDITIONS OF STORAGE	Storage temperature	-20 at 30°C
		Level of humidity	65,00 %
		Max storage time	2Years
	TRANSPORT	UN code	Class 8
		ADR/RID classification	Class 8
		IMDG classification	Class 8
IATA classification		Class 8	

INSTRUCTIONS	COMMISSIONING	<ul style="list-style-type: none"> • Check the batteries and the connectors: wires not damaged, battery not swollen, burnt smell, oxidation of the connectors, leak... • Respect the polarity • Do a full charge with the adequate charger before the first use
	CHARGE	<ul style="list-style-type: none"> • Use an adequate charger • The battery is warmer during the charge: during the first charge, check that the battery's temperature stays in the temperature operating ranges. • 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.
	CASE OF NON-WATERPROOF BATTERIES	<ul style="list-style-type: none"> • It is normal to observe a release of gas during the charge and use. Do not smoke. Place in suitable premises. • Open batteries need regular maintenance carried out by a qualified technician.
	CASE OF LITHIUM ION BATTERIES	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.
	WARNINGS	<ul style="list-style-type: none"> • Read the instructions of your device. • Only use in compatible devices. • Respect the load and storage conditions. • 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.

Marking	CE
----------------	-----------

EXPLANATION OF SYMBOLS	LABELLING	
		Catalogue reference
		Lot number
		manufacturer's address
		Conform to the directive CE 93/42 DM class I
		To recycle in a suitable salvage and recycling structure
	Read the product sheet and the instruction manual	