


PRODUCT SHEET

Valid from 15/04/2021

IDENTIFICATION OF THE MEDICAL DEVICE	Type	Rechargeable battery	
	Commercial designation	Batterie médicale Dual Celled pack 2x 0.8A 2x 1.2A 24V 1.2Ah Molex	
	Reference	MMP28125	
	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
Avantguard / Liko / Hill-Rom	Batterie médical lit	1600	

Identification	GENERAL TECHNICAL CHARACTERISTICS	Chemistry	Lead-Acid
		Type	AGM
	IEC designation	2 AGM 96/62/25	
	Rated voltage	24V	
	Nominal capacity	1,2Ah	
	Internal resistance Ω	100mΩ	

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

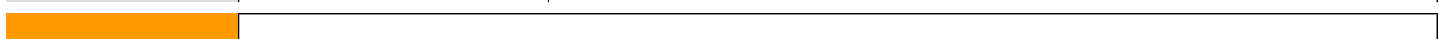
ELECTRICAL CHARACTERISTICS	CHARGE	Maximum charging voltage	29,4V
		Standard charging current (15h)	120mA
		Fast charging current (2,5h)	300mA
	DISCHARGE	Range of operating voltage	24V at 29,4V
		Min tension in discharge	21V
		Max discharge current	600mA
		Lifespan 80% DOD (0,5 C)	500Cycles
	MAINTENANCE	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	100mm
		Width	110mm
		Depth	60mm
	Weight (+/- 5g)		2kg
	Mechanical protection		casing
	Wire length (+/- 10mm)		100mm
	Terminal		TE connectivity

CONDITIONS OF USE, STORAGE, AND TRANSPORT	CONDITIONS OF USE	Charging temperature	0 at 40°C
		Discharge temperature	-15 at 50°C
	CONDITIONS OF STORAGE	Storage temperature	-15 at 40°C
		Level of humidity	60,00 %
		Max storage time	2Years
	TRANSPORT	UN code	2800
		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.



EXPLANATION OF SYMBOLS		Catalogue reference
		Lot number
		manufacturer's address
		To recycle in a suitable salvage and recycling structure
		Read the product sheet and the instruction manual