

PRODUCT SHEET

valid from 10/02/2020

IDENTIFICATION OF THE MEDICAL DEVICE	Type	Rechargeable battery	 
	Commercial designation	Batterie médicale 3x AA 3S1P ST1 F50 3.6V 1Ah CON	
	Reference	MGN0847	
	EAN	3660766522658	
	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
Braun	Perfusor		JB1503EU

Identification	GENERAL TECHNICAL CHARACTERISTICS	Chemistry	NiCd
		Type	AA
		IEC designation	3 KRMR15/49
		Rated voltage	3.6V
		Nominal capacity	1Ah
		Internal resistance Ω	<90m Ω

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	5.1V
		Standard charging current (15h)	100mA
		Fast charging current (2,5h)	500mA
	DISCHARGE	Range of operating voltage	3.1V at 5V
		Min tension in discharge	3V
		Max discharge current	500mA
		Lifespan 80% DOD (0,5 C)	>500 Cycles
	MAINTENANCE	Frequency of maintenance charges at 20°C	6 Months
	CONTROL ELECTRONICS	Electrical protection	No
		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	56.6mm
		Width	15.6mm
		Depth	51mm
	Weight (+/- 5g)	70Gr.	
	Mechanical protection	Shrink sleeve	
	Wire length (+/- 10mm)	50mm	
Terminal	TE dualplug series female 3 ways		

CONDITIONS OF USE, STORAGE, AND TRANSPORT	CONDITIONS OF USE	Charging temperature	0 at 35°C
		Discharge temperature	-30 at 60°C
	CONDITIONS OF STORAGE	Storage temperature	-30 at 35°C
		Level of humidity	65.00 %
		Max storage time	2 Years
	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.

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