

PRODUCT SHEET

valid from 07/02/2020

IDENTIFICATION OF THE MEDICAL DEVICE

Type	Rechargeable battery
Commercial designation	terie médicale WELCH ALLYN 6V 4Ah FC 6V 4Ah
Reference	AMP0008
EAN	3660766477194
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
Welch Allyn		53NOP / 53NTP / 53NTO / 53OTO / 5300 / 5350P / 52000	6065

Identification	GENERAL TECHNICAL CHARACTERISTICS	Chemistry	Lead-Acid
		Type	AGM
		IEC designation	AGM 70/102/49
		Rated voltage	6 V
		Nominal capacity	4 Ah
		Internal resistance Ω	20 mΩ

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	7.35 V
		Standard charging current (15h)	700mA
		Fast charging current (2,5h)	1000mA
	DISCHARGE	Range of operating voltage	5.4 V at 7.2V
		Min tension in discharge	5.25V
		Max discharge current	5000mA
		Lifespan 80% DOD (0,5 C)	300 Cycles
	MAINTENANCE	Frequency of maintenance charges at 20°C	6 Months
	CONTROL ELECTRONICS	Electrical protection	Yes
		Low voltage power cut	No
		High voltage power cut	No
		Max power cut voltage	Yes

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	70 mm
		Width	102 mm
		Depth	48.5 mm
	Weight (+/- 5g)	740 Gr.	
	Mechanical protection	Shink sleeve	
	Wire length (+/- 10mm)	50 mm	
	Terminal	Molex 1625 male 2 ways	

CONDITIONS OF USE, STORAGE, AND TRANSPORT	CONDITIONS OF USE	Charging temperature	-15 at 50°C
		Discharge temperature	-20 at 60°C
	CONDITIONS OF STORAGE	Storage temperature	-10 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