

Nonrechargeable Battery

For use with the
LIFEPAK® 1000 Defibrillator

BATTERY INSTRUCTIONS

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ENGLISH

This instruction sheet provides important information about the Physio-Control nonrechargeable lithium manganese dioxide battery specifically designed for use with the LIFEPAK® 1000 defibrillator. Follow these guidelines to help maximize battery life and performance.

WARNINGS

POSSIBLE FIRE, EXPLOSION, AND BURNS

Do not disassemble, puncture, crush, heat above 100°C (212°F), or incinerate the battery.

SAFETY RISK AND POSSIBLE EQUIPMENT DAMAGE

Damaged batteries may leak and cause personal injury or equipment damage. Handle damaged or leaking batteries with extreme care.

POSSIBLE LOSS OF POWER DURING PATIENT CARE

Using an improperly maintained battery to power a defibrillator may cause power failure without warning. Follow these instructions for proper care of the battery.

POSSIBLE DEVICE FAILURE

Do not modify the battery.

The nonrechargeable battery never requires recharging. The approximate level of charge is indicated by the fuel gauge. Do not attempt to recharge the battery.

WARNING

POSSIBLE EXPLOSION, FIRE, OR NOXIOUS GAS

Attempting to recharge a nonrechargeable battery can cause an explosion or fire or release of noxious gas. Dispose of expired or depleted nonrechargeable batteries as described in these instructions.

CAUTION

POSSIBLE BATTERY DAMAGE

Electrical connection between the battery contacts can cause a fire or damage the battery. Do not carry the battery where metal objects could create a connection between the battery contacts.

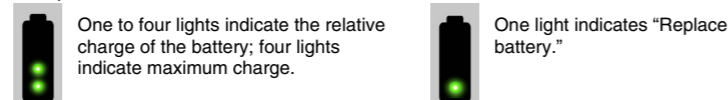
A new nonrechargeable battery provides approximately 17 hours of “on” time or 440 discharges at 200 joules. Each year, battery capacity decreases while the battery is in the defibrillator because of the battery’s normal self-discharge rate and the energy used by the defibrillator auto tests. If installed in a defibrillator that is not used, the battery has a standby life of five years.

Storing the Battery

A new nonrechargeable battery has a shelf life of five years if stored at 20° to 30°C (68° to 86°F). The battery self-discharges over time. Therefore, when the battery is eventually placed in the defibrillator, its useful life will be reduced depending on how long it was stored.

Interpreting the Battery Fuel Gauge

To view the battery fuel gauge, press the gray button below the battery symbol. The illustration below provides an overview of the LED indicators:















Recycling the Battery

The battery should be fully discharged before recycling or disposal. See the *LIFEPAK 1000 Defibrillator Disposable Battery Discharger Instructions for Use* for information on discharging the battery. For information on recycling the battery, see www.physio-control.com/recycling or contact your local Physio-Control representative.

Symbols

The following symbols are found on the battery.

SYMBOL	DESCRIPTION
	Consult instructions for use
	Do not recharge battery
	Do not place near an open flame, heat above 100°C (212°F), or incinerate
	Do not crush, puncture, or disassemble
	Mark of conformity to applicable European Directives
	Battery for use with the LIFEPAK 1000 defibrillator
	Lithium manganese dioxide battery
	Do not dispose of this product in the unsorted municipal waste stream. Dispose of this product according to local regulations.
	Manufacturer’s identification number (part number)
	Catalog number
	Lot number (batch code)
	Install by YYYY-MM-DD. The battery should be installed in the device before this date.

Specifications

SPECIFICATION	DESCRIPTION
Type	Lithium Manganese Dioxide (Li/MnO ₂), 12.0 V, 4.5 Ah, 54 Wh
Capacity	Typically will provide 440 200-joule discharges or 1030 minutes of operating time with new battery.
Standby Life	New battery provides device power for 5 years.
Shelf Life	After storage for 5 years at 20° to 30°C, provides 48 months of standby life.
Weight	0.45 kg (1.0 lb)
Operating Temperature	0° to 50°C (32° to 122°F)
Short-term Operating Temperature	-20° to 60°C (-4° to 140°F) for up to 1 hour
Long-term Storage Temperature	20° to 30°C (68° to 86°F) for up to 5 years
Short-term Storage Temperature (shipping)	-30° to 60°C for up to 1 week
Relative Humidity	5 to 95% non-condensing