

## Lithium-ion Rechargeable 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 rechargeable Lithium-ion (Li-ion) battery specifically designed for use with the LIFEPAK 1000 defibrillator. The Li-ion battery is low maintenance and requires no scheduled cycling to prolong battery life.

**IMPORTANT!** Use only the LIFEPAK 1000 Defibrillator Battery Charger to charge the Li-ion battery.

### WARNINGS

#### POSSIBLE FIRE, EXPLOSION, AND BURNS

The Li-ion rechargeable battery for the LIFEPAK 1000 defibrillator cannot be charged using battery chargers that are designed for other LIFEPAK devices. Use only the LIFEPAK 1000 Defibrillator Battery Charger to charge the Li-ion battery.

**POSSIBLE FIRE, EXPLOSION, AND BURNS** Do not disassemble, puncture, crush, heat above 100°C (212°F), or incinerate the battery.

#### POSSIBLE LOSS OF POWER AND DELAY OF THERAPY 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.

### Storing the Battery

Li-ion batteries self-discharge during storage.

Recommended battery storage procedures:

- Do not remove the **Charge Before Use** label until you charge the battery for the first time. The label indicates that the battery has not yet been charged.
- Store battery at temperatures between 0° to 25°C (32° to 77°F).
- Charge the battery fully within 6 months of when you receive it. Fully recharge the battery at least once every 6 months thereafter.

### WARNINGS

#### POSSIBLE LOSS OF POWER DURING PATIENT CARE

Stored batteries lose charge. Failure to charge a stored battery before use may cause device power failure without warning. Always charge a stored battery before placing it in active use.

### Charging the Battery

Charge the battery before use.

- Remove the **Charge Before Use** label.
- Charge the battery using the LIFEPAK 1000 Defibrillator Battery Charger.
- After a battery is charged the first time, the fuel gauge provides an indication of the relative charge.

For more information about charging the battery, see the *LIFEPAK 1000 Defibrillator Battery Charger Instructions for Use*.

### Installing/Removing/Inspecting the Battery

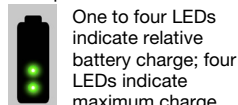
This battery should be installed, removed, and inspected as described in the *LIFEPAK 1000 Defibrillator Operating Instructions*.

### Interpreting LIFEPAK 1000 Battery Status Indicators

When the Li-ion battery is installed, the LIFEPAK 1000 defibrillator battery status indicators function as described in the *LIFEPAK 1000 Defibrillator Operating Instructions*.

### 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:



One to four LEDs indicate relative battery charge; four LEDs indicate maximum charge.



One LED indicates battery is low and needs to be charged.



Two flashing LEDs indicate the battery is faulty and should be recycled.

### Replacing the Battery

Physio-Control recommends that batteries be replaced approximately every two years. Properly cared for batteries may last longer. A battery has reached the end of its useful life if *one or more* of the following circumstances occur:

- The battery case is damaged (for example, cracks or a broken clip).
- The battery is leaking.
- The battery charger indicates a fault.
- The battery fuel gauge illuminates fewer than two LEDs after the battery completes a charge cycle.

Recycle used batteries promptly. Keep batteries away from children.

### Recycling the Battery

When a battery has reached the end of its useful life, recycle the battery according to national and local regulations. For information on recycling this product, contact your local Physio-Control representative.

### Symbols

The following symbols are found on the battery.

SYMBOL	DESCRIPTION
	Consult instructions for use
	Rechargeable 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
	Do not dispose of this product in the unsorted municipal waste stream. Dispose of this product according to local regulations.
	Part number
	Catalog number
	Lot number (batch code) in YYYY-MM-DD format
	Serial number

### Specifications

SPECIFICATION	DESCRIPTION
Type	Lithium-ion rechargeable battery rated at 11.1 V, 4.8 Ah
Voltage	Typical: 11.1 V Operating range: 9.0 V–12.6 V
Capacity	4.8 Ah, 53 Wh
Standby Life	Fully charged battery provides device power for 6 months
Weight	0.45 kg (1.0 lb)
Service Life	2 years
Operating Temperature	0° to 50°C (32° to 122°F)
Long-term Storage Temperature	0° to 25°C (32° to 77°F)
Short-term Storage Temperature	-20° to 50°C (-4° to 122°F) for up to 1 week
Relative Humidity	5 to 95% non-condensing
Liquid Ingress	IPX5 per IEC 60529