

## LITHIUM-ION BATTERY

FOR USE ONLY WITH LIFEPAK 12 DEFIBRILLATOR/MONITOR

## REDI-CHARGE® BATTERY CHARGER

### Powerful

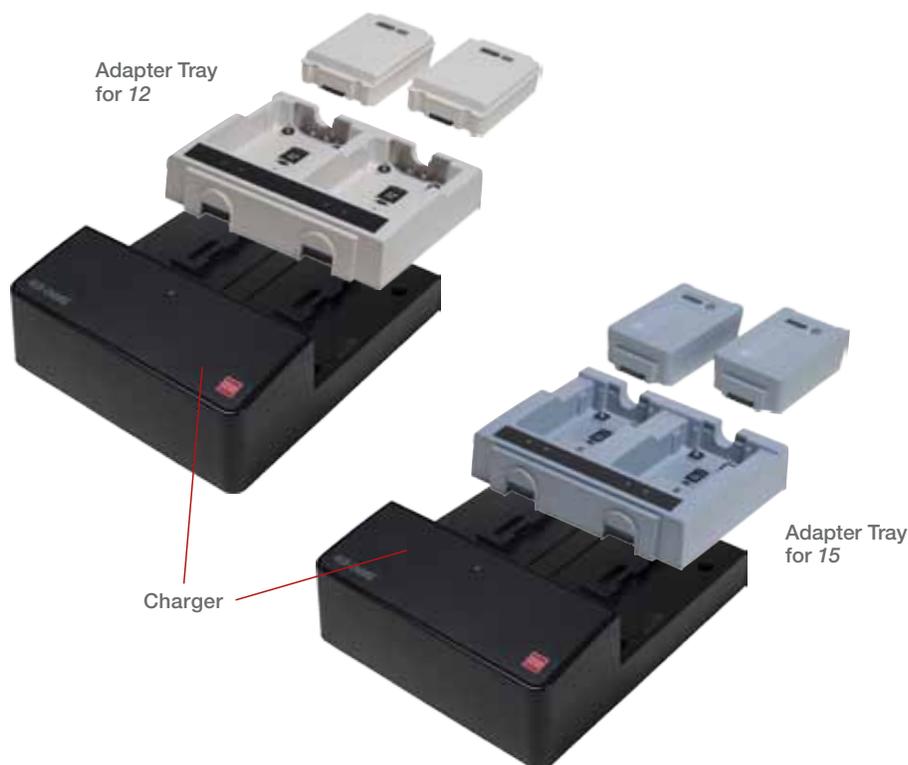
Up to 12 hours of monitoring with just 2 batteries\*

### Simple

Maintenance free: batteries require no conditioning or calibration

### Innovative

REDI-CHARGE battery charger supports Li-ion batteries for the 12 and 15



If you're part of an EMS or hospital team, you know how much can happen in the course of a shift. With a Li-ion battery for the LIFEPAK 12 defibrillator/monitor and the REDI-CHARGE battery charger, the power you need will be there — up to 12 hours of monitoring time\* — every time you need it.

### Quality and Safety are Designed In

We began with a cell technology specifically designed and approved for medical devices. Vital safety features such as over-voltage and over-temperature protection circuitry were then incorporated, creating the foundation for a high-quality, reliable battery. The final product was subject to extensive testing with iterations of 1-meter drop testing; 0° to 50° C temperature soak testing; and hundreds of batteries being subjected to destructive testing. Our commitment to quality doesn't end there however, with continuous process monitoring in place for ongoing quality assurance. The result of all of this effort is a high quality, high-performance battery that you can be confident will provide the power you need, when you need it.

### Confidence in Our Products

Unlike some third party batteries, all of our batteries are tested and validated with LIFEPAK devices by Physio-Control and are UL recognized. Remember, Physio-Control can not confirm the reliability, safety or effectiveness of any third party battery for use with our lifesaving devices.

### Unrivaled Performance

A pair of Li-ion batteries for the 12 is not only powerful enough to last an entire shift\*\* without the need for a recharge, they are also simple to maintain with no conditioning needed. At the end of the shift, the REDI-CHARGE battery charger will give you a rapid turnaround, returning your batteries to full capacity in just over 4 hours. And finally, with an IP44 rating for solid and liquid ingress, these batteries are our most durable yet for the 12.

\* Actual run times may vary depending on device configurations, environmental conditions and monitoring parameters used.

\*\*Based on a 12 hour shift.

SPECIFICATIONS

**REDI-CHARGE BATTERY CHARGER**

**GENERAL SPECIFICATIONS**

Designed for LIFEPAK 12 and 15 monitor/defibrillator batteries only

**Dimensions:** 28.5 cm (11.2 in) length x 9.5 cm (3.7 in) height x 24.5 cm (9.6 in) width maximum

**Weight:** 2.7 kg (6.0 lbs) maximum

**Battery Adapter Trays (sold separately):**

- LIFEPAK 12 adapter tray (2 battery wells)
- LIFEPAK 15 adapter tray (2 battery wells)

**Power Requirements:**

AC: 100 to 240 V AC, 50/60 Hz, 1.4 Amps maximum

**Safety Class:** Safety Class I

**Certifications:** ANSI/AAMI ES 60601-1 (2005); CSA C22.2 No. 60601-1 (2008); CE Certified, EN 60601-1 (2006); EN 60601-1-2 (2007)

**ENVIRONMENTAL SPECIFICATIONS**

IP31 solid/liquid ingress rating (horizontal or vertical orientation), IP30 if mounted with AC receptacle on top. Indoor use only.

**Altitude, Operating:** 795 mmHg to 522 mmHg (-1,253 ft to 10,000 ft)

**Humidity:** 5 to 95% non-condensing

**Temperature, Operating:** 0° to 40°C (32° to 104°F)

**Temperature, Storage:** -40° to 70°C (-40° to 158°F)

**LIFEPAK 12 LITHIUM-ION BATTERIES**

**PHYSICAL CHARACTERISTICS**

IP44 solid/liquid ingress rating

**Battery Type:** Lithium-ion

**Weight:** 0.64 kg (1.4 lbs)

**Voltage:** 11.1 V typical

**Capacity:** 7.2 amp hours, 80 Wh rated capacity

**Conditioning:** No conditioning required

**Charge Time (with fully depleted battery at 25°C):**

- 80% in 2.5 hours
- 100% in 4.2 hours

**Charging Temperature Range:** 5° to 40°C (41° to 113°F)

**Operating Temperature Range:** 0° to 50°C (32° to 122°F)

**Long-term (<1 year) Storage Temperature Range:**

20° to 25°C (68° to 77°F)

**Short-term (<1 week) Storage Temperature Range:**

-20° to 60°C (-4° to 140°F)

**Service Life:** 2 years

**Certifications:** UL recognized, UL 1642, UL 2054, UL 60950, CAN/CSA-C22.2 No. 60950-1 CE Certified, EN/IEC 60601-1, EN/IEC 60950-1

**NOTE:** Charge only in a REDI-CHARGE Battery Charger

**Battery Capacity:** For two, new fully-charged batteries, 20°C (68°F)

	Display Type	Monitoring (minutes)		Pacing (minutes)		Defibrillation (360J discharges)	
		LCD	EL	LCD	EL	LCD	EL
Total Capacity to Shutdown	Typical	741	548	707	508	540	480
	Minimum	404	293	396	283	310	270
Capacity After Low Battery	Typical	46	34	44	31	33	30
	Minimum	2	1	2	1	3	3

For further information, please contact Physio-Control at 800.442.1142 or visit our website at [www.physio-control.com](http://www.physio-control.com).



Physio-Control Headquarters  
 11811 Willows Road NE  
 Redmond, WA 98052  
[www.physio-control.com](http://www.physio-control.com)

Customer Support  
 P. O. Box 97006  
 Redmond, WA 98073  
 Toll Free 800 442 1142  
 Fax 800 426 8049

Physio-Control, Inc., 11811 Willows Road NE, Redmond, WA 98052 USA