

stryker®



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SMRT NI-Cd

SMRT
Power System

SMRT Power System

For Stryker powered ambulance cots

Stryker Managed Recharging Technology

The SMRT Power System will give your Power-PRO cot superior performance. This is a tough, professional-grade system designed for the high-pressure world of EMS.

The SMRT Power System eliminates the time-consuming and elaborate charging protocols and "tuning" usually required for maintaining reliable, high performance battery-powered systems.

With the SMRT Power System you get:

- **Faster charging** — approximately 2 hours
- **Zero memory** — repeated partial charges do not diminish SMRT Paks
- **Automatic Power Management** extends battery life
- **Charge SMRT Paks when and where needed** — convenient in-ambulance and wall outlet charging options
- **Sealed durable construction for all-weather toughness**
- **Two SMRT Paks, one SMRT Charger and a power cord. Keep one SMRT Pak in the SMRT Charger and the other in your Power-PRO cot**

Warranty

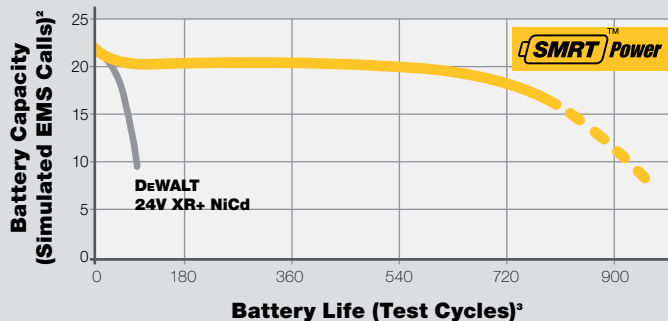
- Two-year SMRT Charger
 - One-year SMRT Pak
 - Seller's warranty hereunder shall not apply if: (i) Goods are not used in accordance with instructions or are used for a purpose not indicated on the labelling, (ii) any repairs, alterations or other work has been performed by Buyer or others on such item, other than work performed with Seller's authorization and according to its approved procedures; or (iii) the alleged defect is a result of abuse, misuse, improper maintenance, accident or the negligence of any party other than Seller. The warranty set forth herein is conditioned upon proper storage, installation, use and maintenance in accordance with applicable written recommendations of Seller. The warranty furnished hereunder does not extend to damage to Goods purchased hereunder resulting in whole or in part from the use of components, accessories, parts or supplies not furnished by Seller.
- Seller's sole obligation shall be to repair or replace, at Seller's option, any defective component or item and pay transportation expenses for such replacement.

Electrical and Mechanical Safety Certifications:

CE **BS EN-1789** **IEC-60601**
DIN EN-1789 **IPX6***

*IPX6 applies to the SMRT Pak only.

EMS Battery Life Comparison¹ Power-PRO Ambulance Cot



Result

SMRT Power technology from Stryker automatically protects against damage from over-charging and high temperatures that dramatically shorten battery life in unpredictable EMS applications. Under harsh test conditions, SMRT Power outperforms and outlasts comparable batteries.

1. Testing conducted by Intertek, an independent global provider of product and certification test services. www.intertek.com
2. A "Simulated EMS Call" consists of four ambulance cot extension/retraction cycles performed during a representative EMS service call.
3. Each test cycle consists of a full charge followed by a sequence of simulated EMS Calls until pack voltage dropped below 18.8 V. To simulate the expected power conditions and battery management practices, an over charge cycle was included with every EMS Call.
Actual battery performance and life experienced by individual EMS services may differ greatly due to variables including environmental factors, patient size, call frequency and ambulance cot condition.



SMRT Charger Automatic Charging

SMRT Charger automatically evaluates the condition of each SMRT Pak and cannot overcharge or overheat SMRT Paks.

SMRT Pak (2)

Powerful and dependable. Long run times give you confidence on every call. ▶





Change a SMRT Pak with One Hand, in Seconds

To remove the SMRT Pak from your cot, **Press** the red release button and slide the SMRT Pak out. This can be done with one hand. **Slide** in a fresh SMRT Pak until you hear a click.



All-Weather Toughness

SMRT Paks have ventless, sealed construction to tolerate wet and dirty environments.



Vehicle-Ready and Crash-Tested

SMRT Charger and Pak are in-ambulance mountable and crash-tested.

Accessories



**12V DC Cable
(Automotive)**



**120V AC — North American
(NEMA 1-15P)**



**240V AC — Europe
(CEE 7/16)**



**240V AC — United Kingdom
(BS 1363A)**



**SMRT Charger
Mounting Bracket**



**240V AC — Australia
(AS-3112 without ground pin)**

Stryker advocates disposal of all non-functional batteries at a battery recycling center such as the RBRC (www.rbrc.org). Made in the U.S.A.



SMRT Power



SMRT Power System Specifications

(2) SMRT Paks


SMRT Charger

Power Cord Options

12V DC Cable (Automotive)	6500-027-000
120V AC—North America (NEMA 1-15P)	6500-028-000

International Power Cord Options

240V AC—United Kingdom (BS 1363A)	6500-030-000
240V AC—Europe (CEE 7/16)	6500-031-000
240V AC—Australia (AS-3112 without ground pin)	6500-032-000

	SMRT Pak	SMRT Charger
Part Number	6500-101-010	6500-201-010
Height	3.25 in. (83 mm)	2.375 in. (60 mm)
Width	4 in. (102 mm)	5.125 in. (130 mm)
Length	5.75 in. (146 mm)	7 in. (178 mm)
Weight	3.4 lb. (1.5 kg)	1.3 lb. (.59 kg)
Input		12V DC (4.16A)
Output	24V DC	Open Circuit 40V DC (1.2A)
Serial Number Location	Top	Bottom
Duty Cycle	Continuous Operation	Continuous Operation
Equipment Type		Class II
Enclosure Protection	IPX6	IPX0 - Ordinary Equipment
Certifications		 MCI180169 C US

SMRT Pak Environmental Requirements

	Operation	Charging	Storage
Temperature	6°C – 35°C	6°C – 35°C	-20°C – 40°C
Humidity	30% – 75%	30%–75%	0%–100%
Atmospheric Pressure	700–1060 hPa	700–1060 hPa	500–1060 hPa

Specifications are approximate and may vary from unit to unit or as a result of power supply fluctuations.

Stryker reserves the right to change specifications without notice.

This document is intended solely for the use of healthcare professionals.

A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that healthcare professionals be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A healthcare professional must always refer to the package insert, product label and/or instructions for use before using any Stryker product.

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