

A close-up photograph of a Stryker SMRT Power System handheld device. The device is primarily black with red accents, including a large trigger handle and a control knob. The Stryker logo is printed in white on the black housing. A battery pack is attached to the bottom, labeled 'SMRT NI-CD'. The device is connected to a black cable. The background is white, and there is a yellow graphic overlay at the bottom right.

stryker®

EMS Equipment

stryker

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

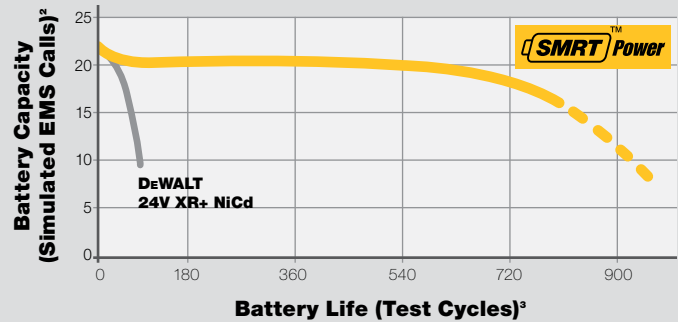
Electrical and Mechanical Safety Certifications:

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 nonfunctional batteries at a battery recycling center such as the RBRC (www.rbrc.org).
Made in the U.S.A.



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

Part Number	SMRT Pak 6500-101-010	SMRT Charger 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		 MC160169 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.

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Mkt Lit-323 08 May 2009 Rev B

PC/PDF 1110, 10-SEM-3284

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