


SMRT Power System specifications

(2) SMRT paks

SMRT charger		
Power cord options		
12V DC cable (Automotive)		6500-700-040
120V AC—North America (NEMA 1-15P)		6500-700-041
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 inches (82.55 mm)	2.375 inches (60.325 mm)
Width	4 inches (101.6 mm)	5.125 inches (130.175 mm)
Length	5.75 inches (146.05 mm)	7 inches (177.8 mm)
Weight	3.8 pounds (1.7 kg)	1.3 pounds (.59 kg)
Input		13.9V DC (4.16A)
Output	24V DC NiCd	Open circuit 40V DC (1.2A)
Serial number location	Top	Bottom
Duty cycle	Continuous operation	Continuous operation
Equipment type		
Enclosure protection	IPX6	IPX0 – ordinary equipment
Certifications		

SMRT pak environmental requirements

	Operation	Charging	Storage
Temperature	6°C – 31°C	6°C – 31°C	-20°C – 40°C
Humidity	0% – 93%	30% – 75%	0% – 93%
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.

Contact your local sales representative or visit stryker.com

Emergency Care

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.

The information presented is intended to demonstrate Stryker’s product offerings. A healthcare professional must always refer to operating instructions for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events, before using any of Stryker’s products. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your representative if you have questions about the availability of Stryker’s products in your area. Specifications subject to change without notice.

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The absence of a product, feature, or service name, or logo from this list does not constitute a waiver of Stryker’s trademark or other intellectual property rights concerning that name or logo.

SMRT™ Power System



Manufactured by:

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Distributed in Canada by:

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Toll free 800 668 8323

Recharge your technology



Boost performance

Eliminate time-consuming and elaborate charging protocols with Stryker's SMRT Power System.



High pressure. Professional grade.

- **Quick and convenient charging**
 - Approximate two-hour charge time
 - Ambulance and wall outlet options
- **Long battery life**
 - Automatic power management extends product usage
- **Zero memory**
 - Repeated partial charges don't diminish SMRT paks
- **Durable construction**
 - Sealed for all types of weather and environments



Electrical and mechanical safety certifications

BS EN-1789 IEC-60601
DIN EN-1789 IPX6 (battery only)



Warranty

- Two-year SMRT charger
- One-year SMRT pak



SMRT charger automatic charging

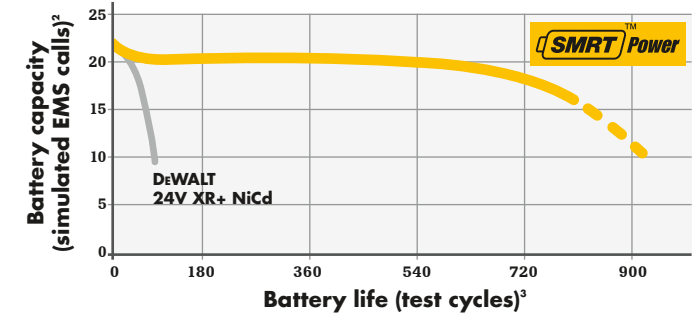
SMRT charger automatically evaluates the condition of each SMRT pak and cannot overcharge or overheat SMRT paks.



SMRT pak (2)

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

EMS battery life comparison¹ Power-PRO XT™ powered ambulance cot



Result

SMRT power technology 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.



Press. Slide. Release.

Replace a SMRT pak in seconds using just one hand.

- Press the red release button
- Slide in a fresh SMRT pak until you hear a click

Accessories



12V DC cable (Automotive)



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



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



240V AC - Europe (CEE 7/16)



240V AC - United Kingdom (BS 1363A)



SMRT charger mounting bracket



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.