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EMS Equipment

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EMS Equipment



SMRT™
power system

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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

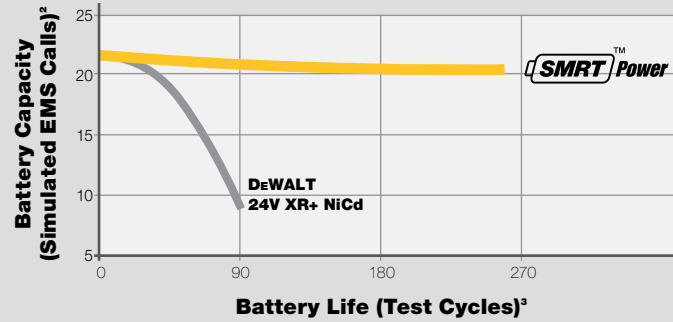
Electrical and Mechanical Safety Certifications:

CE IEC-60601 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 SAE Type (Automotive)



120V AC NEMA Type—North American



230V AC—Europe



230V AC—United Kingdom



SMRT Charger Mounting Bracket

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

