

# Replacement North American Hospital-Grade Cords

ALL FEATURED CORDS IN STOCK



- Made in Iowa, U.S.A.
- No minimum order or dollar requirements
- 1-week U.S. manufacturing lead-time on non-stock Interpower products
- Same day shipments on in-stock Interpower products
- Interpower manufactured cords are 100% tested
- Lock in your price with blanket or scheduled orders
- Over 4 million parts in stock
- Free technical support



# North American Hospital-Grade Power Cords and Cord Sets Standards and Requirements

When designing, building, and maintaining North American hospital-grade products within the operating room, throughout the hospital, or in a medical setting, it's important to know the requirements contained in UL and CSA standards.

The following briefly describes requirements found within these North American standards—UL 817, CSA C22.2 no. 21, UL 498, and UL 60601-1.

## Molded-On Attachment Plugs and Connectors

For hospital-grade molded-on NEMA attachment plugs and connectors, the UL 817 and CSA C22.2 no. 21 requirements are applicable to the following configurations: 5-15, 5-20, 6-15, and 6-20. The blades on the plug shall be of solid brass material and the grounding pin cannot be easily bent or removed. (Note: CSA also allows a 1-15P which is an ungrounded plug with no ground pin.) Both the NEMA plug and connector need to be a straight or a right-angle type and molded onto flexible cord. Both need to be marked "Hospital-Grade" with a green dot. Similar requirements are also found in UL 498.

## Power Supply Cords

The type of flexible cord that is to be used on hospital-grade power supply cords is SJO, SJT, SJTO, SVO, SVT, SVTO, or other jacketed type cord of equal or harder usage, per UL 817. The conductor size is 18, 16, and 14AWG.

## Hospital-Grade Extension Cords

The type of cord to be used for the hospital-grade extension cords includes SJO, SJT, SJTO, or other jacketed type cord of equal or harder usage. The conductor size is 16 and 14AWG. UL 817 states that, "A hospital-grade extension cord set shall have a maximum length of 15 feet." (This cord uses a NEMA plug with a NEMA connector.)

## Hospital-Grade Cord Sets

Hospital-grade cord sets need to have plugs that meet the above requirements and connectors that meet IEC 60320 requirements or another non-NEMA approved configuration. The conductor size is 18, 16, and 14AWG.

## Definitions

UL 60601-1 gives specific definitions of patient care equipment (intended for use in the patient vicinity) and patient vicinity (areas where patients are normally cared for). It also gives requirements for "hospital-grade" or "hospital only" plugs and cords.

## Meeting Your Hospital-Grade Needs

To help you stay current with the hospital-grade power cord and cord set requirements, Interpower reviews standards and offers technical support to answer questions. We can meet your specifications, including cable lengths, and we carry an extensive range of clear, black, and gray North American hospital-grade plugs.

# Hospital-Grade Replacement Cords

If you need hospital-grade replacement cords, Interpower has the solution! Made in Iowa, U.S.A. we have no minimum order or dollar requirements, which means you can order just what you need—whether it's 1, 5, 100, or more!

Plus, specialized labeling is available—mark your cords with labels that contain your specific information, such as identifying a certain location (e.g. Operating Room 1, ER 2, etc.). Interpower offers a number of different labeling options including a flag label or wrap label which can be attached directly to the cord, a barcode label, or a grounding reliability\* label which can be specialized to your specifications.

With your cords specially labeled, hopefully they will stay in the correct location. And—if you need to replace *one*, you only have to order *one*! Order only the exact number that you need! If you have specialized requirements for a replacement cord set, we also do custom orders.

\* Interpower's standard label states that the cord needs to be plugged in to a hospital-grade receptacle to achieve grounding reliability.

### 1-Week U.S. Manufacturing Lead-Time on Non-Stock Interpower Products

### Interpower Manufactured Cords are 100% Electrically Tested for Safety

All Interpower power cords and cord sets are Hipot, ground resistance, and continuity tested before they leave our facility.

### Made in Iowa, U.S.A.

All of our North American hospital-grade cords are manufactured in Iowa.

### 5 Different Configurations for Each IEC 60320 C13 & C19 Connectors

### Cable Lengths and Color Options Available Per Your Specification

Order a specified length with no set-up fee. Call for color options. Specialized stripping and various terminations available on power cords.

### No Minimum Order or Dollar Requirements

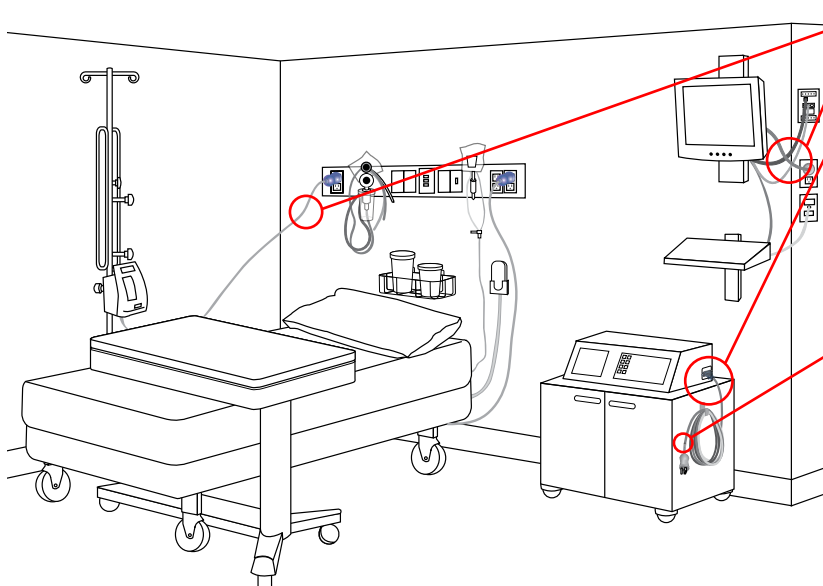
### Same Day Shipments Available on In-Stock Products

### Packaging and Labeling

Special labeling and packaging are available for your convenience. Labeling allows for the use of unique identification.

### Accessories and More

Connector locks, inlets, rewirable plugs and sockets, and many other products are offered in our catalog and on our website. For the complete line of hospital-grade products, see [www.interpower.com/ic/hospitalgrade.html](http://www.interpower.com/ic/hospitalgrade.html).



#### Any Length

Interpower cords can be molded to specified lengths.

#### Connector Locks



Cord set connector locks secure a cord set to a power inlet to help prevent accidental power interruption. The cord set can be easily removed without removing the connector lock. Each connector lock is designed for the molding of a specific cord set connector style for maximum effectiveness.

#### Labels

Specialized labeling options are available. Label your cords with part numbers or special instructions.



## North American Hospital-Grade Molded Power Cords & Cord Sets


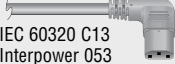
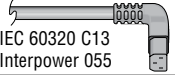

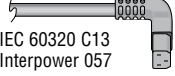
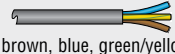
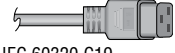


While not required, clear plugs are preferred for patient connected equipment. This allows for quick and easy inspection of the internal connections. When selecting a replacement cord set, remember to check the cable description. This is normally located on the outer jacket of the cord set. Angled connectors allow for equipment to be positioned against a wall without stressing or damaging the cable.

This is a small sampling of Interpower's full line of in-stock North American cord sets. If you would like more information on different cable types, current ratings, conductor sizes, or more specifications on Interpower cord sets, please call our Customer Service Department at (800) 662-2290, or visit the hospital-grade section of our website at [www.interpower.com/ic/hospitalgrade.html](http://www.interpower.com/ic/hospitalgrade.html).

### Clear North American Plugs With Gray Cable

Available in a variety of lengths and colors. Also available in 16AWG or 14AWG. All cord sets fit connector lock P/N 85910071 (IEC 60320 C13) or P/N 85910051 (IEC 60320 C19).

Part Number	Length	Max. Temp.	Cable/Connector Color	Connector Style	Current/Voltage Rating	Conductor Size	Cable Description
<b>86610301</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C13 Interpower 052	10A/125VAC	3 x 18AWG	SJT
<b>86610320</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C13 Interpower 053	10A/125VAC	3 x 18AWG	SJT
<b>86610330</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C13 Interpower 055	10A/125VAC	3 x 18AWG	SJT
<b>86610340</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C13 Interpower 056	10A/125VAC	3 x 18AWG	SJT
<b>86610350</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C13 Interpower 057	10A/125VAC	3 x 18AWG	SJT
<b>86610400</b>	3.05m 10.0'	60°C	Gray	 brown, blue, green/yellow	10A/125VAC	3 x 18AWG	SJT
<b>86611610</b>	3.05m 10.0'	60°C	Gray	 IEC 60320 C19 Interpower 068	15A/125VAC	3 x 14AWG	SJT



Order online:  
[www.interpower.com](http://www.interpower.com)

P.O. Box 115, Oskaloosa, IA 52577 (U.S.A.)  
Call: (641) 673-5000 Fax: (641) 673-5100  
E-mail: [info@interpower.com](mailto:info@interpower.com)

Toll-free (U.S./Can./P.R./V.I.)  
Call toll-free: (800) 662-2290  
Fax toll-free: (800) 645-5360





## We Have All the Angles!

Interpower molds five different configurations for each IEC 60320 C13 and C19 connectors for North American and international use. Each angle connector is available in a variety of amperage ratings, cable types and sizes, and colors. These angle connectors, along with the straight versions, can cover 360° of possible rotations.

The various angles allow for connections to be made to equipment helping to eliminate the possibility of pinched or tangled cable, which can provide a safer routing of the cable. These are ideal for areas where space is limited between the equipment and the wall or where cord lengths need to be kept to a minimum for a tight or clean look, such as on equipment racks.

- **1-week U.S. manufacturing lead-time on non-stock Interpower products**
- **No minimum order or dollar requirements**
- **Different configurations available for each IEC 60320 C13 and C19 connectors**

## Secure Your Connection with Interpower Connector Locks



### For Cord Sets Rated 10/15A

For use with IEC 60320 C13 connectors, both straight and angled configurations, for North American and international applications.

**85910071**

*black finish*

**85910075**

*steel, clear finish*



### For Cord Sets Rated 16/20A

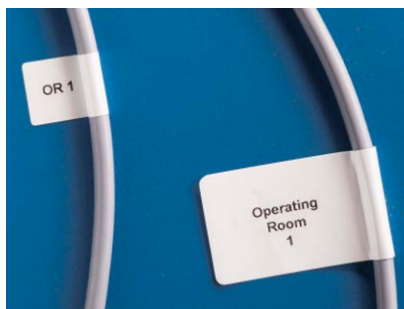
For use with IEC 60320 C19 connectors, both straight and angled configurations, for North American and international applications.

**85910051**

*black finish*

**85910055**

*steel, clear finish*



## We Make Medical Labeling Easy!

Interpower offers a variety of specialized labeling options for all your medical needs. We can design a variety of labels including wrap label, flag label, barcode label, grounding reliability label, and Unique Device Identification.

With just a 1-week U.S. manufacturing lead-time on all non-stock hospital-grade cords and same day shipments available on in-stock cords, Interpower is your warehouse for North American and international medical power system components.

**Visit Us on the Web!**

[www.interpower.com/ic/hospitalgrade.html](http://www.interpower.com/ic/hospitalgrade.html)

## For More Information . . .

For more information, order a free copy of our Interpower Catalog.

Contact our Customer Service Department. They can assist you with price and delivery quotations, stock checks, samples, technical assistance, and order entry. Interpower is open 7 a.m.–6 p.m. Central Time. Rush orders placed for in-stock items by 6 p.m. Central Time can be shipped out the same day. Call or fax toll-free from the U.S., P.R., V.I., and Canada.

**Toll-free telephone: (800) 662-2290**

**E-mail: [info@interpower.com](mailto:info@interpower.com)**

**Toll-Free Fax: (800) 645-5360**

**Website: [www.interpower.com](http://www.interpower.com)**

Orders can be placed either with our Customer Service Department (by telephone, fax, mail, email, or web), or with one of our sales representatives. Interpower sales representatives are located throughout the United States and Canada; call our office in Oskaloosa, Iowa, for the name of your local sales representative or see our website at [www.interpower.com/ic/salesreps.html](http://www.interpower.com/ic/salesreps.html).

### Speak with a Technically Trained Customer Service Representative

- Speak directly with a Customer Service Representative during business hours, 7 a.m.–6 p.m. Central Time.
- In-stock orders taken by 6 p.m. Central Time can ship the same day.

### IN A HURRY FOR YOUR ORDER?

**We are prepared for same day shipments if parts are in stock and your order is placed by 6 p.m. Central Time.**

**UPS and Federal Express shipments are available.**

**For your convenience, we accept MasterCard, Visa, and American Express.**



**Interpower is ISO 9001 Certified**

**PRODUCT LIABILITY:** Interpower will accept liability for only the purchase price of products and applicable freight charges. Interpower is not liable for any costs for issues such as production delays, rework, late deliveries, etc., unless agreed upon in writing by both Interpower and the purchaser at the time of purchase.

**NOTE:** Product specifications and availability subject to change without notice. Please contact our Customer Service Department at (800) 662-2290 or access our website for the most current information: [www.interpower.com](http://www.interpower.com).



**Order online:**  
**[www.interpower.com](http://www.interpower.com)**

**P.O. Box 115, Oskaloosa, IA 52577 (U.S.A.)**  
**Call: (641) 673-5000 Fax: (641) 673-5100**  
**E-mail: [info@interpower.com](mailto:info@interpower.com)**

**Toll-free (U.S./Can./P.R./V.I.)**  
**Call toll-free: (800) 662-2290**  
**Fax toll-free: (800) 645-5360**