PRODUCT SUMMARY

WiPow© for Medical Devices

Enable a safe and efficient medical environment.

In May 2014, *Outpatient Surgery Magazine* reported that 60% of the 379 medical facility managers they surveyed said a staff member or a surgeon sustained an injury from slipping or falling in their ORs, often due to tangled cords. Given the number of medical devices used in these environments, it's no surprise that slips, trips and falls are the second most common cause of lost-workday injuries in hospitals—with 90% more incidents reported than in all other industries combined.

If you're designing a medical device, eliminating power cords is the most time- and cost-effective contribution you can make for your end users.

Pull the plug. Cord-free charging is here.

WiPow power transfer technology provides a fully-integrated, wireless power system for electronic devices that is efficient, reliable and safe to use. The technology employs electromagnetic coupling, also known as induction coupling techniques.

WiPow is a technology solution you can trust. It provides over 300 watts of power. And, special efforts were made to ensure the system is regulatory compliant, user friendly, and cost effective to implement in medical devices.

WiPow power transfer technology is designed for strict medical regulatory and safety requirements.

Electrical safety, isolation and electromagnetic energy limitations were key elements of the WiPow design process. Meeting UL 2738, IEC 61010-1, and IEC 60601-1 were addressed in the initial technology development. And, the frequencies chosen for WiPow charging were selected so that RF emissions are not a problem, and will easily meet FCC restrictions.

WiPow's patent-pending methods give you the ability to address four key medical device issues in the hospital environment…

- Improve safety by eliminating the tripping hazards of cords
- Reduce physical contact with non-sanitary and non-sterile cords
- Deploy a medical instrument rapidly without the need to unplug/replug
- Charge the device wirelessly where cords are a safety hazard

WiPow includes:

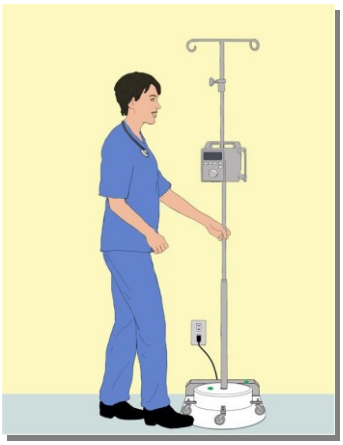
- **Efficient power transfer**
- **Easy placement for charging**
- **No fussy alignment issues**
- **Eliminates mechanical connections**
- **Eliminates power cords**
- **Continuously monitors & controls charging and battery status**
- **Regulatory compliance for emissions & safety**

WiPow
Wireless Power for Mobile Devices

There are two ways to charge devices using WiPow technology: The Power Pad© and Power Port©. Environmental factors and hospital workflow determine the appropriateness of each system.

Power Pad for On-the-Floor charging.

In hospital settings where staging areas or fixed locations are appropriate for medical devices, the Power Pad is an easy and simple charging solution. The user simply rolls the medical device on top of the Power Pad to charge. When the device is on the Power Pad the battery will fully charge. When the device is rolled away from the Power Pad, the charging light shuts off, and a battery status indicator light turns on. Users then know the battery status while they easily move the device to where it needs to be used.



Power Port for On-the-Wall charging.

For hospital environments that won't allow for anything to be placed on the floor, the Power Port charging method is available. Like the Power Pad, no power cord is required to charge the battery. The only difference is that instead of the charging device being on the floor, the Power Port is mounted to a wall. The medical device is placed next to the Power Port and the WiPow system does the rest.

Let us show you how easy it is to fit a cost-effective version of WiPow into your medical device products.

WiPow
Wireless Power for Mobile Devices

For more information on WiPow and how you can integrate this wireless power technology solution into your medical devices, visit www.wipow.org.