

WiPow[®] for Mobility Devices

Give users more peace of mind.

Ask any user of a mobility scooter or electric wheelchair what the biggest concern for them is and you're going to hear, "I'm afraid I'll run out of battery before I get to where I'm going." Ask sellers of these devices about the top 2 issues they hear from users and they'll more often than not tell you, "Understanding product features and battery life."

How you address these issues determines your long-term sales potential. When you consider the physical limitations of users, plugging in a device isn't an easy task. For many, help is required to accomplish it. If you're designing mobility devices, eliminating power cords and making the device easy to charge—and stay charged—is a huge selling point and competitive advantage.

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. The frequencies chosen for WiPow charging were selected so that RF emissions are not a problem, and will easily meet any FCC restrictions.

WiPow's patent-pending methods give you the ability to address three key issues in mobility devices...

- Improve safety by eliminating the hazards of cords
- Eliminate the need to have another person plug in the device
- Ensure constant charging while the device is parked

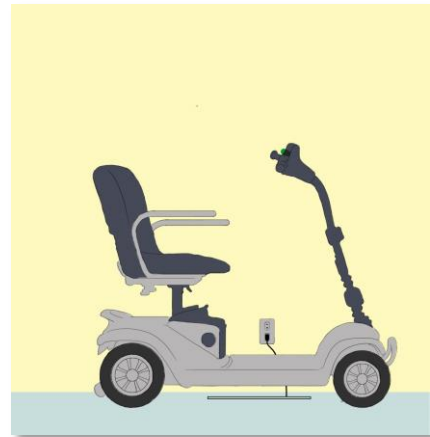
WiPow includes:

- **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**

Using WiPow Power Pad© technology, the mobility device simply needs to be parked on top of the charging pad to initiate charging.

WiPow for Mobility Scooters.

Individuals with limited range of motion, walking and balance problems shouldn't need to struggle to charge their device. To charge the battery, the user simply rolls the medical device on top of the Power Pad. 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 use the scooter in transit.



WiPow for Electric Wheelchairs.

The typical user of a powered wheelchair is a person with a limited range of motion, who controls their wheelchair with a joystick. Charging their device generally requires that they find someone else to plug in their wheelchair. For these users, the Power Pad can be placed wherever the wheelchair spends the most amount of time, so their batteries continuously charge.



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