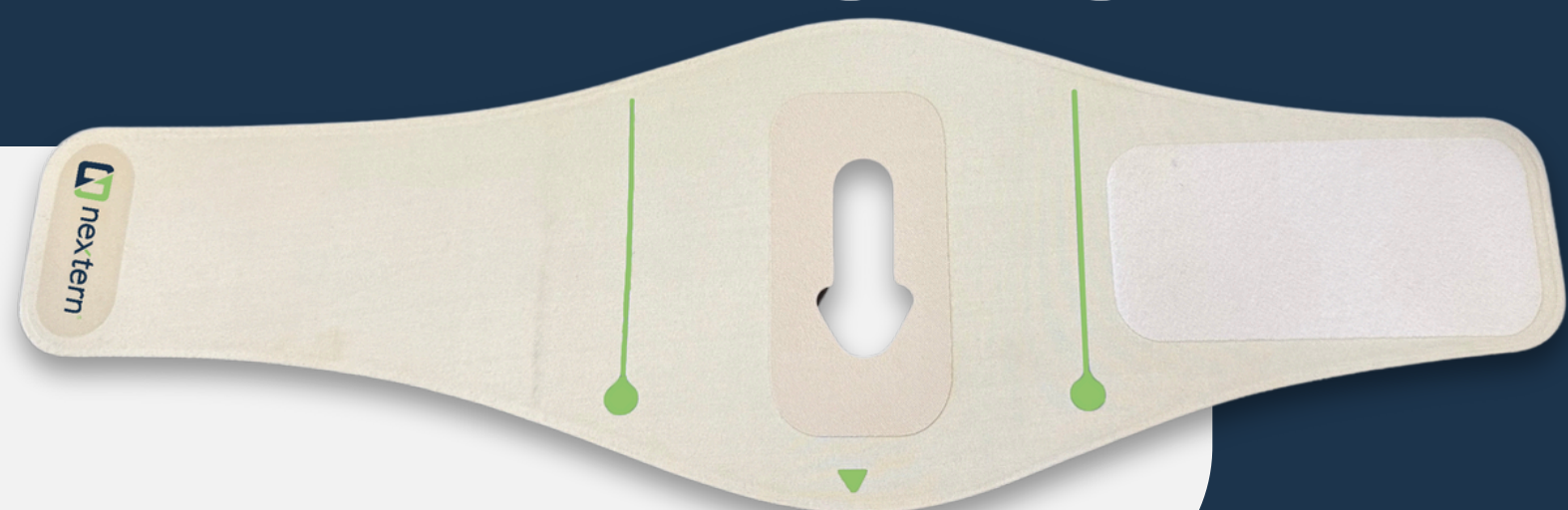


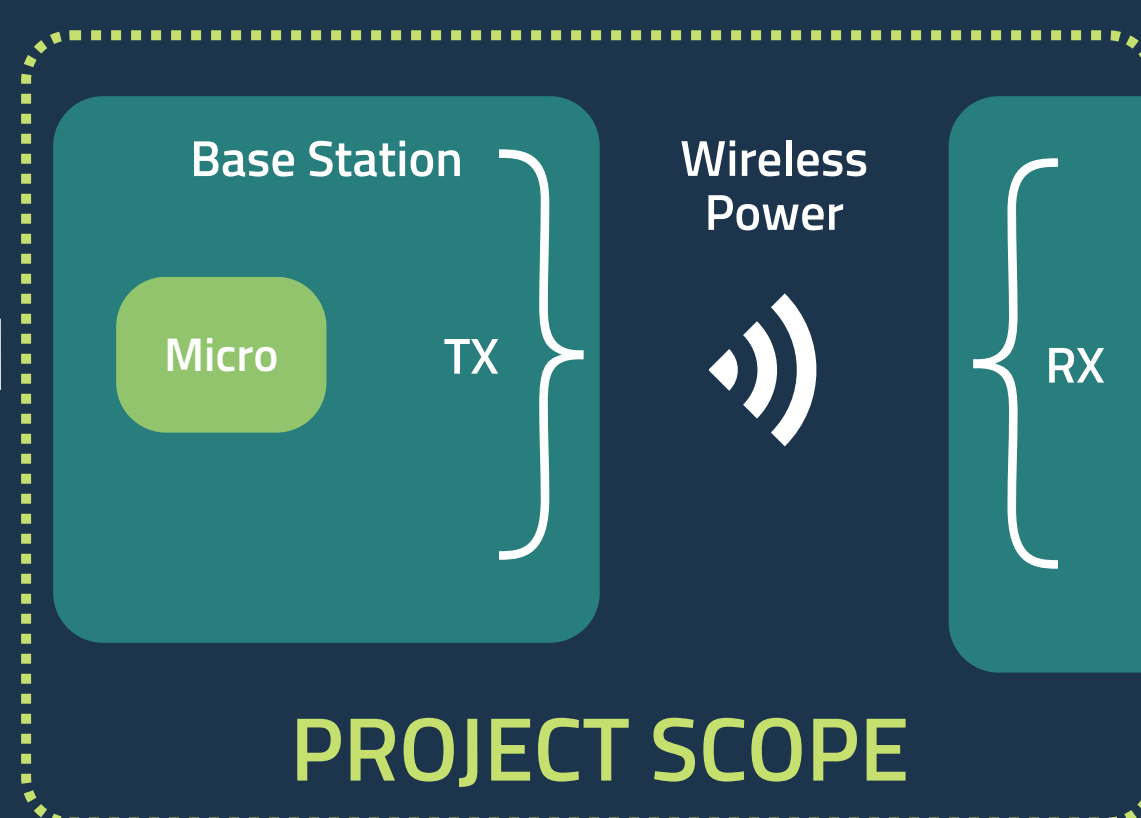
nextern® Wireless Charging

A low-cost wireless power platform for wearable devices.



How it works:

USB AC/DC
Power Supply



Wireless
Power

Wearable Device

BLE

WIRELESS CHARGING

Our NextCharge platform enables patients and physicians to operate in a cable-free environment, allowing users to charge their devices and implants quickly and safely.

Our wireless charging platform uses a base station powered via USB to transmit energy wirelessly through a TX coil. The wearable device receives this power through an RX coil, storing it in a battery while enabling communication via a Bluetooth Low Energy (BLE) module.

ABOUT NEXTCHARGE



Parameter	Channels
Chargers	Standard USB 5V, 0.1A Supply
BOM Cost	Base Station < \$5 Wearable < \$3.50
Efficiency	Contact us to learn more information
Power Transfer	Contact us to learn more information

Designed for easy integration and performance monitoring, our NextCharge platform enables engineers to prototype, optimize, and evaluate wireless energy transfer in compact medical and wearable device applications.

