

Miniaturized Power Platform

Unlock the next generation of minimally invasive medical devices with the smallest and most reliable wireless power platform. Eterni™ can be adapted and integrated into your device in months, not years, so you get the fastest path to the best power for your device.



SPECIFICATIONS:

Max. Output Power	500 mW rechargeable device 100 mW passive device
External Charger Size	22.8 grams (excluding battery) 40 mm x 40 mm x 15 mm height
Implant Size	10-20 mm diameter 0.5-1 mm thick coils
Max. Implant Depth	25 mm
Misalignment	± 25 mm (50 mm total) Up to 20° tilt misalignment
Implant PCB Space	35 mm², 70 mm² (inc. MCU)
MRI Compatible	Optional

Operating Frequency	6.78 MHz, within ISM band
Battery Compatibility	Complete your wearable by selecting a single cell Li-Ion battery and integrated BMS of your choice. The implant supports any battery type. Battery charging is managed via USB C. The system includes ship and hibernate modes for increased battery life.
Customizable Integrated UI Features	LED indicators - 3 × green (configurable functions) Audio output - buzzer driver / tone output Power / Wake button
Communication Interfaces	USB (Virtual COM Port): Engineering access, configuration, and diagnostics Bluetooth® Low Energy (BLE): Wireless link for user app and engineering tools Software API: Common protocol supporting USB and BLE for monitoring and control

The Difference Inside

Eterni™ is built from Aurion WPT™, our industry-leading wireless technology platform that combines core innovations in coils, power electronics, magnetics, and data transfer. Get unprecedented performance and a faster, lower-risk path to market for your device with Eterni™.

