POWER PUCK®

Reliable Thermoelectric Energy for Wireless Sensors

The Perpetua® by Grace Power Puck® is an advanced thermoelectric energy harvester designed specifically to power wireless sensors. By converting ambient heat into electrical power, the Power Puck® ensures that wireless transmitters and sensors function continuously, eliminating the frequent need for battery replacements.

Power Puck® Features & Benefits

- **Eco-Friendly Power Solution:** Converts heat from sources between -45 °C to 450 °C into continuous electrical power and eliminates dependence on batteries, aligning with eco-friendly and sustainable energy principles.

- **Hassle-Free Setup:** Quick and straightforward installation, allowing for seamless integration into existing systems without the need for specialized tools or expertise. Experience minimal downtime and get your sensors powered up in no time.

- **Consistent Performance:** Offers a consistent power source, ensuring stable data transmission and integrity for uninterrupted operations.

- **Versatile Use:** Suitable for a wide range of wireless sensors, the Power Puck® is especially beneficial for powering devices located in remote or hard-to-reach or hazardous areas.

- **Enhanced Safety:** Minimizes human exposure to high-risk areas. Less maintenance intervention translates to fewer potential safety incidents, making operations not only more efficient but also safer.

Unlock consistent and sustainable energy from the temperature differences in your operations. The Perpetua® Power Puck® offers a reliable solution for a safer, more efficient, and eco-friendly industrial future.

PRODUCT DETAILS	SPECIFICATIONS
Service Temperature & Longevity	- -45 °C to 105 °C - Up to 20 years or more of continuous power
Electromagnetic Compatibility (EMC)	- EN 61000-6-2: 2005, EN 61000-6-4: 2007, FCC Part 15, Subpart B
Certifications	- Intrinsically Safe (Class 1, Division 1, Groups A-D), IP67 Certified - ATEX Intrinsic Safety Certificate: DEMKO 14 ATEX 1303X - IECEx UL 14.0083X