



Overview

Magnetic Resonance Evaluation Kit v2.2b

Spark Innovation

OUR MISSION is to **spark radical innovation** by liberating devices from power cords and batteries.

Powercast's magnetic resonance technology, powered by Etherdyne, allows for innovative designs free from batteries and power cords, which enables lighter, more flexible device designs that can be perpetually powered.

Product Overview



EFFICIENT

Reduce installation and maintenance costs when you have many powered devices

TESTED

Magnetic resonance technology has received FCC & CE Certification

FIRST TO MARKET

First beautifully designed product that's both stylish and functional

GAME CHANGING

Revolutionary use of wire-free power enables devices to be more flexible

Multiple Variants

Chose the one that fits your need

OUTPUT VOLTAGE

5V, 12V and 24V
output voltages

POWER

0.1W to 7W
output power

Configuration Matrix

Variant	Size		Output Voltage	Output Power
	[mm]	[inches]		
Rx1	Ø34	1.33	5V	0.1W
Rx2	Ø46	1.81	5V	0.2W
Rx3	Ø56	2.20	5V	0.3W
Rx4	Ø68	2.67	12V	1.0W
Rx5	Ø68	2.67	24V	1.0W
Rx6	Ø78	3.07	24V	2.0W
Rx7	Ø108	4.25	24V	4.0W
Rx8	Ø130	5.11	24V	7.0W



Please note the following:

- The rated power outputs are minimums and assume a loop size of ~51"x18" and a voltage tolerance of +/-5%.
- Lower power outputs are likely as the wire loop approaches an aspect ratio of 1:1
- Higher power outputs can be possible on receivers Rx2, Rx3, and Rx6 as they are moved closer to the wire, or if the wire loop is extended to be longer and thinner. Note that if the loop is too thin the generator output may turn off.



The Magnetic Resonance Power Solution

NO BATTERIES NEEDED

Reliable power, eliminating charging, replacement, and disposal costs

BENEFITS

Makes devices lighter, more flexible, and perpetually powered

COST SAVINGS

Reduce installation and maintenance costs when you have many powered devices

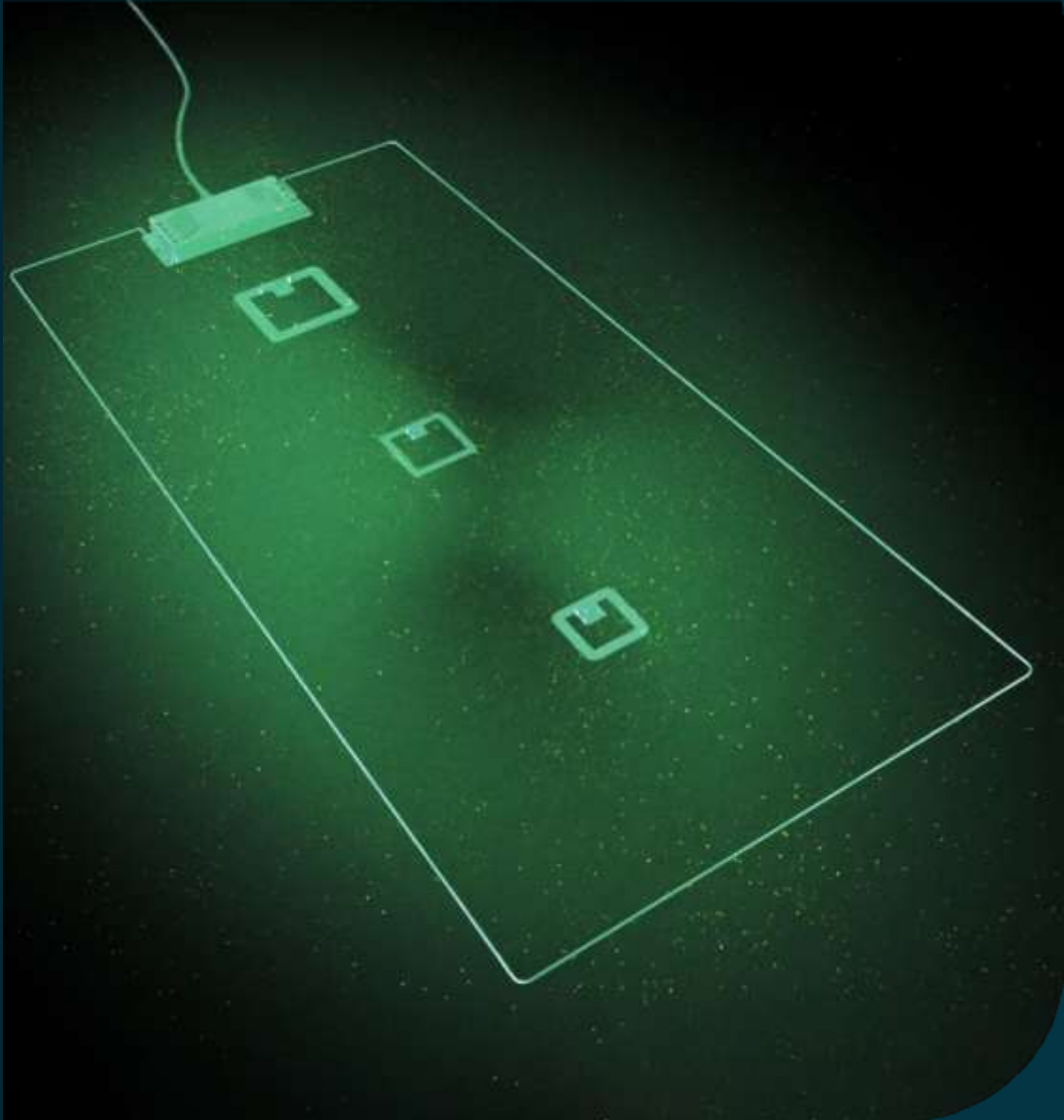
READY TO USE

This isn't just theoretical. We are actively deploying this technology, today

Regulatory and Safety Information

Magnetic resonance wireless power has been approved by the FCC in various products. These regulatory certifications prove that the technology is safe and can be sold as a product.

However, this evaluation kit has not been tested and is intended to be used by professional R&D facilities for evaluation and testing purposes only.



Powercast is changing the way the world charges.



Thank You

www.powercastco.com

Alan Neves, Director of Sales

aneves@powercastco.com

Charles Greene, Ph.D., COO&CTO

cgreene@powercastco.com