

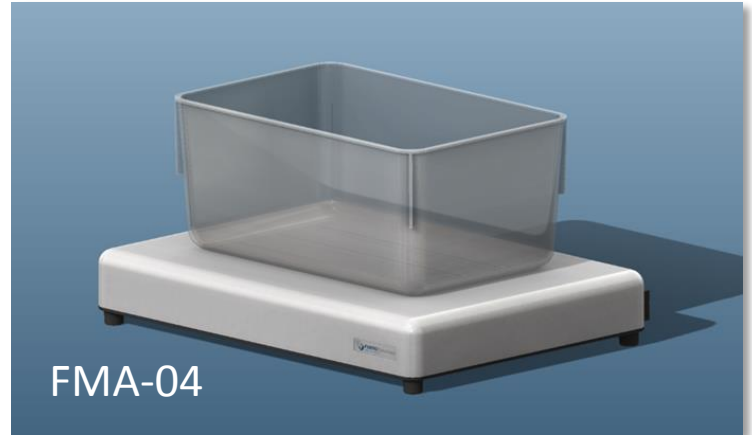
Wireless Power Transmitters

Ferro Solutions has developed wireless charging systems for researchers who need to power several very small, lightweight, or moving receivers. Transmit and receive components are offered for use in laboratory, industrial, and commercial settings.

High Power The FS WPT-05 60 Watt and FMA-04 40 Watt power transmitters both use a patent pending antenna design to produce a consistent magnetic field on the top surface and to send power over a distance of several inches. More power, over a greater distance than systems designed for use with consumer electronics.

Multi-Unit Charge more than one unit at a time, over a distance, without compromising the power received by each unit within the charging field.

Configure to you needs Work with FS to design a system that meets your unique needs...without the constraints and limitations of industry standards. Custom transmitters, from dish to panel designs, can communicate wirelessly with control modules or receiving devices. Add the functionality that your customers require, without the overhead and expense of unneeded consortium stacks.



Features

- Stable operation on wood, metal, or wire rack
- Turn transmitter on/off remotely with available wireless or wired connectivity
- FCC compliant and safety tested

Developed in part with funding from the National Institutes of Health.

Part Number	Property	Description	Units
WPT-05		60 Watt transmitter operating at 130 kHz	
	Dimensions	15.4 x 10.9 x 3.5	inches
	(LxWxH)	39.0 x 27.6 x 8.9	cm
	Mass	9.4	pounds
	Mass	4.26	kg

Power Supply	Input: 100-240VAC, 50/60Hz Output: 7.5V DC, 26.7A
Transmitter (WPT-05)	Input: DC 7.5V, 8A
Environmental Conditions	0C to +35C <85%RH non-condensing Altitude: 0-200m
Average Power into FS 3D RX coil	At 1 inch 500mW (277mA @ 1.8V) At 3 inch 200mW (111mA @ 1.8V)

sales@ferrosi.com
+1 (781) 935-7878