

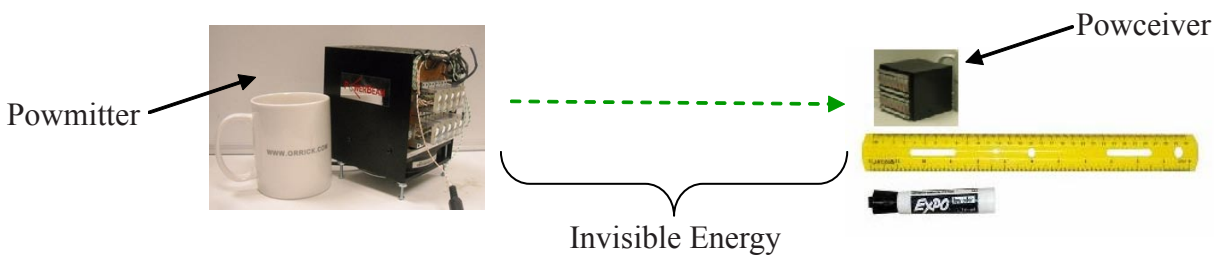
Fact Sheet

Overview:

Until now everything in the electronic world has been powered by wires or batteries. Now, devices can be powered wirelessly by PowerBeam. PowerBeam is revolutionizing the mode of power transmission by integrating optical technology to produce safe, reliable and abundant wireless power. Through our patented technology, we can “beam” power over great distances to devices of any kind that require electricity to operate. Our technology can be applied to almost any product that requires power.

How it works:

We use special transmitters called Powmitters and special receivers called Powceivers to deliver power without wires or wall plugs. The optical technology in the Powmitter turns electricity into optical power. That power is then beamed across open space into a Powceiver. Similar to a solar cell, the Powceiver turns the optical power back into electricity. Whatever device is attached to the receiver is powered without any wires.



Specifications:

Item	Minimum	Maximum	Units
Range	1	100	M
Size	1	4	mW/sq.mm
Power	<1	1000	w

Line of sight and battery:

Our approach uses line of sight technology and a battery to buffer the device if the beam path is interrupted. In order to deliver a significant amount of power to a device safely, the line of sight is beneficial in that it allows you to control exactly where the power goes.

Safety:

PowerBeam’s patented technology ensures absolute safety in both home and business environments. We meet the highest government regulatory requirements for technology of this type. We guarantee that all power emitted from the transmitter reaches the receiver. We consistently monitor the path between the transmitter and receiver and any time it detects an object (i.e. dog, cat, person), the system completely shuts off and the buffer battery is used to power the load during the interrupted time.

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Fact Sheet

Visualizing a Truly Wireless World:

Wireless Speakers:

PowerBeam system on, battery charging



PowerBeam system off and battery on



Digital Photo Frames:

PowerBeam system on, battery charging



PowerBeam system off and battery on



Generation 1 Products:

Initially, our technology will power devices that are stationary. In these products PowerBeam solves the following problems: expensive installations, placement limitations, aesthetics and convenience. The products listed below are possible using first generation PowerBeam components. Note: we do not manufacture these products; only provide the wireless electricity component that enables these products.

<p>Consumer: Wireless Speakers Lighting Products Digital Photo Frames Wi-Fi Printers Home Automation</p>	<p>Commercial: Digital Signage Wireless Sensors Wi-Fi Printer for Small Business</p>
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