

# FINSIX CORPORATE SUMMARY



**Headquarters:** Menlo Park, CA

**Founded:** 2010

**Employees:** 25

**First Product:** *Dart: the world's smallest laptop charger. Production in 2Q 2015*

**Technology:** *Very High Frequency (VHF) Power Conversion*

**Investors:** *Venrock, CEVG, Arunas Chesonis*

**Executive Team:** *Vanessa Green (CEO), Anthony Sagneri (CTO), Joe Scarci (VP of Sales & Marketing), Dave Grant (Dir. of IC Development)*

## Company Overview

FINSix Corporation, the worldwide leader in VHF power conversion technology (30 to 300MHz switching frequency), is bringing to market highly miniaturized power conversion products that offer high power density and excellent performance. This disruptive technology is transforming power delivery for consumer electronics. FINSix was founded in 2010 as a spinout from the Massachusetts Institute of Technology LEES Laboratory. The company has 20 issued and pending patents

**2014 & 2015 CES INNOVATION AWARD HONOREE**

**RAISED OVER \$500 IN MAY 2014 PRE-SALE CAMPAIGN (TOP 1.4% OF ALL KICKSTARTER TECHNOLOGY PROJECTS)**

**FEATURED ON ENGADGET, GIZMODO, TIME, TECHCRUNCH AND CNET**

**AVAILABLE IN MAJOR RETAIL CHANNELS 2Q 2015**



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## Company History

Three passionate technologists (Dr. Anthony Sagneri, Dr. George Hwang, and Justin Burkhart) came together in 2009 with the goal of commercializing a novel VHF power technology they helped develop as electrical engineering graduate students working under Prof. Dave Perreault in the LEES Lab, MIT Course 6. They sought to use their experience in building highly efficient VHF power systems to bring the next generation of small, smart power supply solutions to the consumer. In 2010, Vanessa Green joined the team, and the founders quickly incorporated and focused the company on building VHF power supplies. The founding team secured an initial round of venture investment in early 2011.

## Customer Problem

Laptops have gotten significantly smaller, lighter, and more portable over the past decade. Unfortunately, the power “bricks” that charge laptops haven’t changed much over the years. They are still big and bulky, hard to pack, and heavy to carry.

## FINsix’s Solution

FINsix is pleased to announce the Dart, the world’s smallest laptop charger. It is up to four times smaller and lighter than today’s laptop chargers. It will significantly lighten the load of mobile professionals, students, and other people on the go. An auxiliary USB port allows mobile consumers to leave mobile phone and tablet chargers at home. The Dart is the only charger you’ll ever need to carry. It was designed as a wall plug form factor that only takes the space of one receptacle. Over time, FINsix plans to expand its product portfolio beyond laptop chargers to include LED drivers, flatscreen TV’s, medical devices, All-In-One PC’s, etc.

## Competitive Advantage

FINsix's proprietary and patented Very High Frequency (VHF) power conversion technology represents the most significant advance in power electronics in several decades. By combining fundamental circuit concepts including resonance and wave shaping with new power conversion architectures, we can cycle up to 1,000 times faster than today’s systems without wasting any more energy. The result is very high frequency (VHF) switching—as high as 100 MHz—that yields a cascade of fundamental advantages including a 3x to 10x improvement in power density, excellent performance, and high reliability.

