



WESTERN HARMONICS

Invest in Solar.

Own a piece of manufacturer-direct solar power.

\$500K

Growth Round

35%

Committed

6,000+

Units Shipped

WesternHarmonics.com/investors



THE PROBLEM

Heat and off-grid power are unsolved for rural sites.

Heat destroys value.

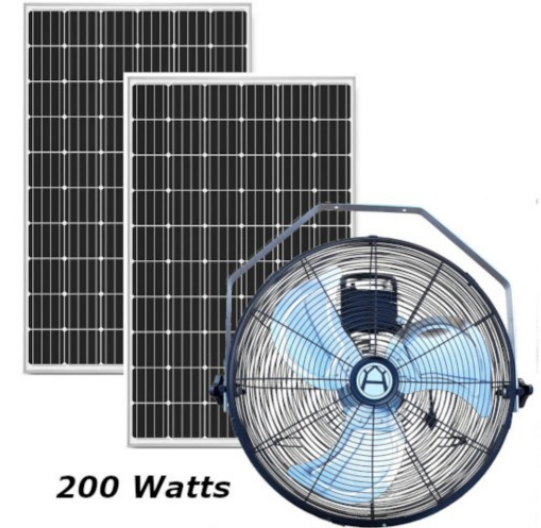
Growers lose plants to greenhouse heat. Livestock owners lose animals to barn heat stress.

Grid power is impossible.

Running AC power to a remote barn or greenhouse costs thousands in trenching and labor.

Existing solutions fall short.

Big-box fans need wall power. Solar competitors sell commodity hardware with no design support.



THE SOLUTION

Solar-first hardware that just works.

Solar-Powered Fans

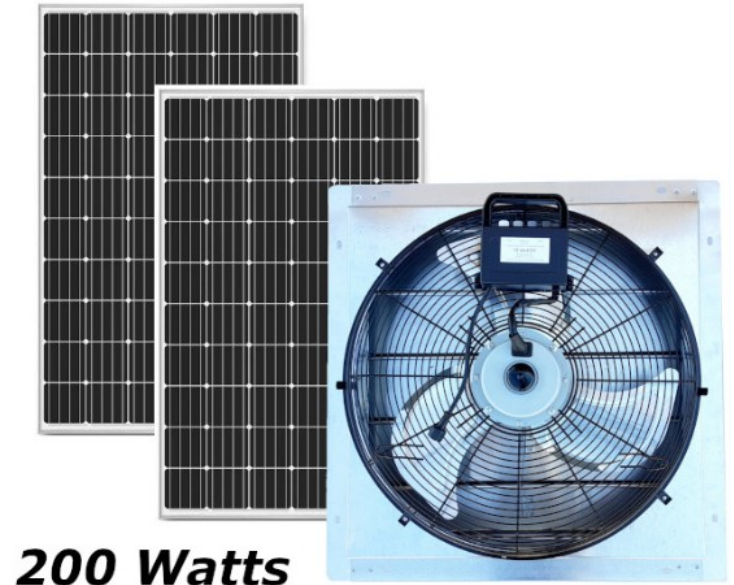
Fans that run directly off their own solar panels. No wiring, no electrician, no power bill.

Battery-Backed Kits

Complete kits with panels and LiFePO₄ battery backup for 24/7 operation. Solar by day, fan all night.

AI System Design

PowerMosaics lets anyone spec a complete, correctly-sized off-grid system in minutes.



200 Watts

No wiring. No permits. No power bill.

PRODUCT LINEUP

Fans & kits. The core business.



\$134

Solar Floor Fan 20" 12V DC

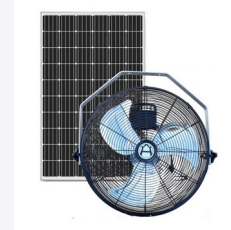
The original. First to market in 2014.



\$164

Solar Power 2 Fan System

Dual-fan kit for cross-ventilation.



\$274

Solar Hanging Fan for Livestock

20" fan, 100W panel, 25ft cable.



\$265

Greenhouse Solar Exhaust Fan

Brushless. Vents heat and humidity.



\$325

Western Harmonics | Investor Confidential
Solar Greenhouse Exhaust 100W

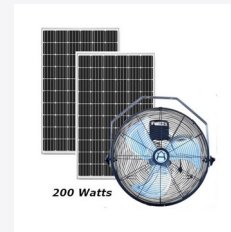
20" louvered fan, commercial grade



\$650

200W Solar Hanging Fan Kit

200W solar + battery. Day and night



\$659

200W Greenhouse Exhaust Kit

Full kit: panels, battery, fan, controller



—
Solar & Battery Greenhouse
System

The flagship complete off-grid system

NEW PRODUCT

PowerJam.

The world's first solar power boombox.

PowerJam combines a LiFePO₄ portable power station with an integrated high-output speaker system. Jobsite, campsite, tailgate, or emergency — power and audio in one device.



1,200Wh

LiFePO₄ Battery

Android OS

Touchscreen + 5G

AM/FM + BT

Audio Built In

Solar + AC

Dual Charging

12V/10A DC

Runs WH Fans

Patent Pending

Category Creator

\$850 · Pre-Order · Patent Pending



THE PLATFORM

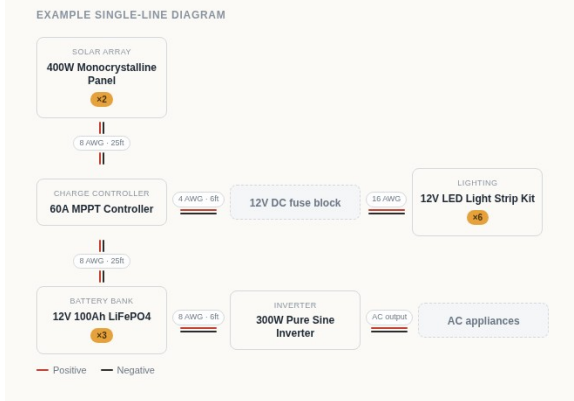


PowerMosaics

AI-powered off-grid system design.

Users describe what they want to power. The AI engine sizes panels, batteries, and wiring, generates a single-line diagram, and produces a buildable parts list.

1,300+ products in catalog today. Scaling to 2,000.



REVENUE MODEL

\$30

Upfront design fee per system

Affiliate

Commission on every component

WH Hardware

Fans & kits in generated BOMs

1,300+ SKUs

Scaling to 2,000

MARKET OPPORTUNITY

A large, growing off-grid category.

Solar Fan Market

\$1.8B

2025



\$4.2B

2034

9.8% CAGR

Portable Power Station

\$4.45B

2025



\$16.0B

2034

22.4% CAGR

Off-Grid Solar (US)

\$320M

2025



\$927M

2035

11.2% CAGR

Sources: Grand View Research, Persistence Market Research, Straits Research, Dataintelo

MARKET SHARE

Capturing share with inventory in stock.

With continuous inventory on WesternHarmonics.com and Amazon.

SEGMENT	MARKET	CAPTURE	REVENUE	RATIONALE
Solar Ventilation	\$1.8B global	0.5%	\$9.0M	6,000+ units shipped. Amazon presence. No competitor offers system design.
Portable Power	\$4.45B global	0.1%	\$4.5M	PowerJam creates a new category. Even 0.1% of broader market is significant.
Agricultural Ventilation	\$932M global	1.0%	\$9.3M	Direct fit for greenhouse and barn. Fragmented competition. 6.9% CAGR tailwind.
Total addressable revenue at target capture			~\$22.8M annual revenue potential	

Assumes continuous inventory across WesternHarmonics.com + Amazon. Financials available on request.

WHY NOW

Demand is outpacing our capacity.

6,000+

Fans Shipped

2,500+

Livestock Fans Delivered

30%

Avg. Annual Growth

2014

First to Market

WHY THIS ROUND, NOW

- Production runs are selling through — we're turning away volume we could capture with inventory on hand.
- Amazon presence is underutilized — consistent stock unlocks FBA velocity, Buy Box, and Prime eligibility.
- PowerJam is ready for manufacturing — the category-creating product needs production capital, not more R&D.
- PowerMosaics is live — the AI design platform is deployed and generating BOMs. It needs catalog depth to scale.
- Solar adoption is accelerating — policy tailwinds, grid anxiety, and off-grid lifestyle growth favor our position.

BUSINESS MODEL

Three revenue streams. One ecosystem.

Direct Sales

WesternHarmonics.com

\$134–\$659

Manufacturer-direct sales of fans and kits. No middleman markup. 6,000+ units shipped.

Amazon Marketplace

FBA + Merchant Fulfilled

\$134–\$659

Same catalog on Amazon with Prime eligibility. Buy Box ownership with consistent stock.

PowerMosaics Design

PowerMosaics.com

\$30 + affiliate

\$30 upfront design fee plus Amazon affiliate commission on every component in BOMs.

PowerJam adds a fourth stream at \$850/unit — a category-creating product with no direct competitor.

COMPETITION

Why we win.

COMPANY	POSITIONING	PRICING	DESIGN PLATFORM	KEY GAP
Western Harmonics	Solar-first kits + system design	Manufacturer-direct	AI design platform	PowerJam = new category
iLIVING	Commodity solar attic fans	Amazon reseller	None	No system design
VIVOSUN	Grow tent fans (hydroponics)	Amazon marketplace	None	Weak outdoor story
AC Infinity	CLOUDLINE grow tent fans	Premium pricing	None	No solar, no battery
Jackery / EcoFlow	Portable power stations only	High retail pricing	No design platform	No audio, no fans

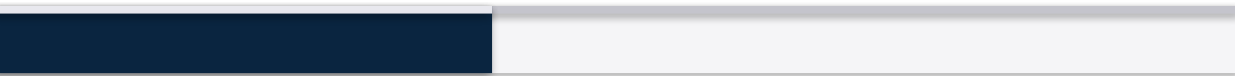
The only company combining manufacturer-direct hardware, AI system design, and a power+audio product.

USE OF FUNDS

Where the \$500K goes.

Scale Manufacturing

\$200K

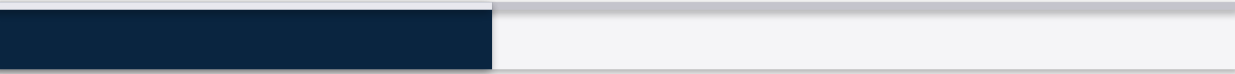


40%

Direct to manufacturing and tooling for fans, kits, and PowerJam production

Inventory & Supply

\$200K

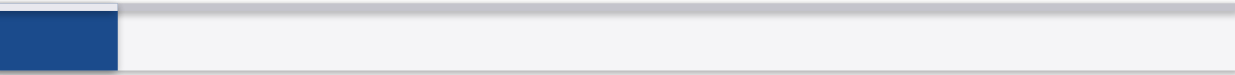


40%

Deepen component stock to shorten lead times and enable Amazon FBA

Product R&D

\$50K

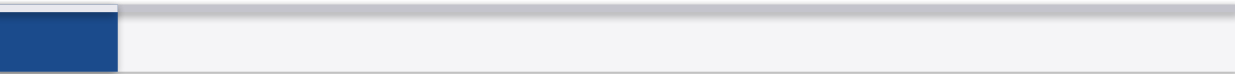


10%

Accelerate PowerJam platform and in-house System Designer

Sales & Support

\$50K



10%

Grow team for expert customer support before and after the sale

\$500K total · 35% committed · Financials available on request

INVESTMENT TIERS

Choose how you back us.

Supporter

\$25,000

Direct financial investment

Converts to equity shares when
allocated

Quarterly investor updates

MOST POPULAR

Builder

\$100,000

Everything in Supporter

Direct financial investment

Converts to equity shares when
allocated

Priority allocation in the equity
round

Partner

\$500,000

Everything in Builder

Direct financial investment

Converts to equity shares when
allocated

Direct line to the founding team

For informational purposes only. Not an offer to sell or a solicitation of an offer to buy any security.

Any investment will be made solely through official offering documents.



WESTERN HARMONICS

READY TO INVEST?

Reserve your allocation.

Reserve your allocation or reach out with questions. Our founders read every message and will follow up with the full offering details.

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Financials available on request. Confidential — for informational purposes only.

