

Company Fact Sheet & Product Roadmap

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Solar Pivot Power - Portable Solar Solutions

- ➔ Help accelerate the energy transition and adoption of renewable energy
- ➔ Focus on maximizing power generation
- ➔ Create innovative, robust and easy to use solutions
- ➔ Create integrated solutions (with partners as needed), customer focused
- ➔ Key Differentiators
 - Portability (Lightweight and Compact)
 - Durability (Built to withstand the elements with rugged construction)
 - Efficiency (Go the extra distance in building the most practical, efficient solution)
 - Build Intellectual Property (Grow portfolio with each product)
 - Environmental Friendliness (Incorporating eco-friendly materials)



SOLARPIVOTPOWER

Solar Pivot Power - About Us

Our Journey:

The Covid pandemic served as a catalyst for our deep appreciation of the great outdoors. During this time, we witnessed remarkable advancements in portable power solutions, both in terms of technology and affordability.

However, as we delved further into their usage, we couldn't help but notice areas that remained unaddressed, which had the potential to enhance their utility for users. This was strongly reaffirmed through interactions with fellow outdoor enthusiasts.

Co-Founders:

- **Uttam Singh:** many years of experience in software and telecommunications, building complex networking systems and cross-functional teams to develop and support these systems. [in](#)
- **Dale Hanks:** worn many caps over the years, from writing software to supporting sales divisions and executive management. [in](#)
- **Dan Moravec:** many years of experience building complex computing systems, managing large global development teams. Senior software architect responsible for IBM Cloud Network Security. [in](#)

Solar Pivot Power - Factsheet

Focus Areas:

- Systems - Robotics, Mechanical Framework, Sensors, Software

Incorporated as Corp-C/Delaware, 2021

- HQ: Wabasha, MN
- Regional: Austin, TX

Corporate Representation:

- Silicon Counsel

Intellectual Property Representation:

- Michael Best

Financing

- Self-Funded by co-founders to date
- Equity held by co-founders

Patent Portfolio

- 4 Non-Provisional Patents filed for various aspects of Solar Tracking, Mechanical Innovation, Software and Multipurpose Stand Innovation
- 1 Provisional Patent filed for Ground Anchoring innovation with Solar Stakes

Solar Pivot Power - *Development Approach*

Core Engineering In-House

- Evaluate multiple solutions to solving a problem
- Compare solutions based on practicality, ease of use, cost, durability and efficiency

Rapid Prototyping

- CAD Modeling/Simulations
- Extensive 3D Printing/CNC with various materials
- Off the shelf parts where possible
- Test Limits including breaking point

Contract Resources as Needed

- DAPR Engineering/RE:BUILD Manufacturing, NH, USA
- Escudero Auto Ltd., UK

Protect Intellectual Property

- Patent filed as Provisional as soon as proof of concept is validated
- Non-Provisional Patent is filed as soon as prototypes are validated in Beta testing (within 12 months of filing PPA)

Solar Pivot Power - Product Portfolio

Solar Stakes

- An innovative add-on for popular Portable Solar Panels that prevents the panels from tipping over and interrupting power generation when its Windy
- **Launched on Amazon FBA**
- Well reviewed/received by customers

Multipurpose Tripod (Heavy Duty)

- Rugged construction for Outdoors and thoughtful features for Indoor use too
- Prototype Complete - awaiting investment decision

Tracker Platform (Common)

- Portable, Compact, Easy to Setup & Use
- Supports popular panels

SMART Tracker

- Solar Mapping And Real time Tracking
- Innovative gearbox/controller provides 30-40% energy production boost

Workhorse Tracker

- All Mechanical Tracker
- Designed for rugged, durable, efficiency gain

Solar Pivot Power - Addressable Market & Engagement Opportunities

Camping/Outdoor Applications

- Our products have a natural appeal for outdoor living enthusiasts

Beyond Camping/Outdoor Applications

- Backyard/Rural Solar Farms
- Pop-up Solar Farms:
 - Emergencies/FEMA
 - Military Applications
 - Construction
- Low Cost Micro Solar Farms
 - Minimal permitting barrier
 - Community organized solar farms

Engagement Opportunities

Partnership

- License Technology
- Co-Market Integrated Solutions
- Collaborate with SPP for custom solutions

Equity

- Equity position in SPP at Seed Funding stage to accelerate our products to market
- Open to engage in buyout

Backup Material



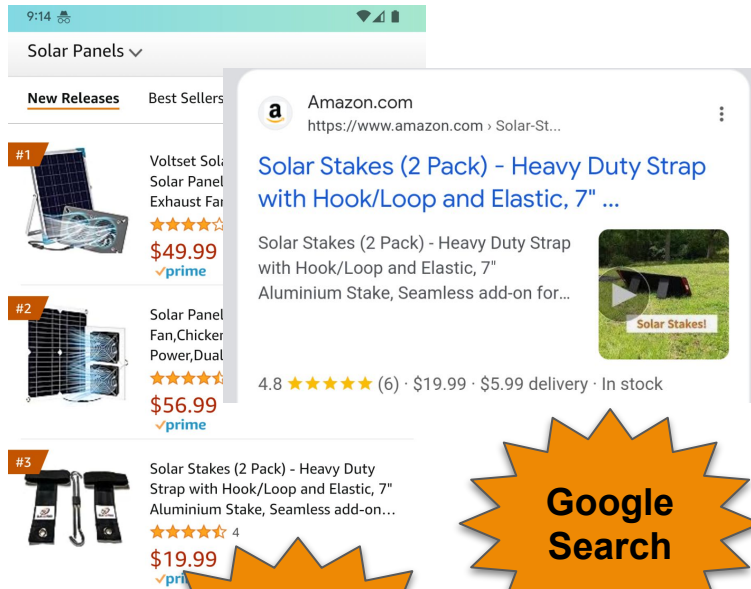
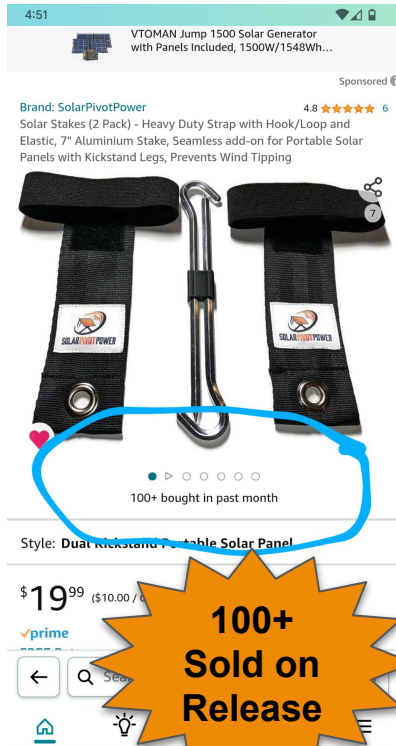
Solar Stakes - successfully launched, great reception!



https://youtu.be/vRbQLbiL_Hs



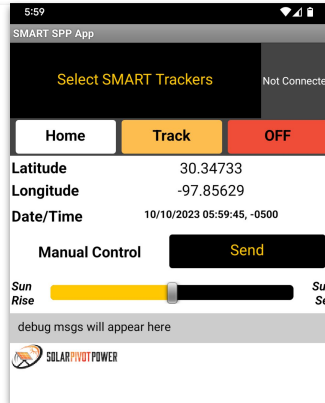
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SMART - Portable Solar Tracker

SMART - Portable Solar Tracker

- Solar Mapping And Real-time Tracking
- 30-40% more power generation
- GPS Coordinates
- Bluetooth Phone App Control (*Option for integrated Power Station App*)
- Energy Efficient Gearbox
- Lightweight (< 5lbs)
- Compact, Foldable
- Durable, Tough Build - Aluminum/Carbon-Fiber
- Supports 100/200W Solar Panels
- Backed by Multiple Design/Software Patents (Pending)
- \$299 (tentative)



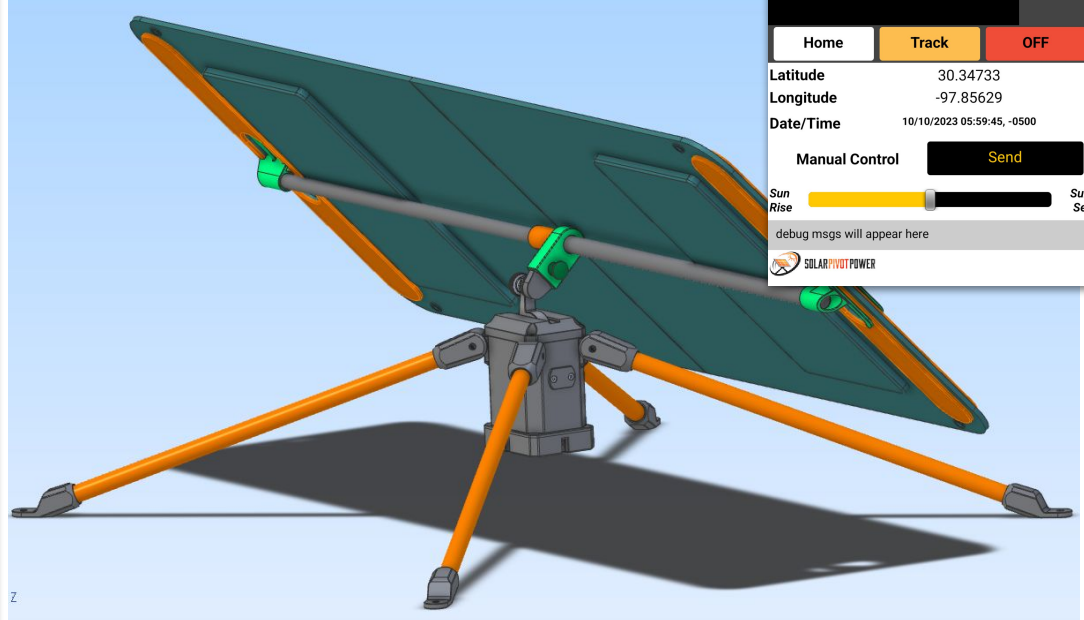
SMART - Portable Solar Tracker

SMART - Portable Solar Tracker

Status:

- Design Complete
- Next Steps: Crowdfunding Campaign (Indiegogo, Kickstarter)
- Limited 250 Units, pre-pay \$350
- Offering Includes:
 - Portable Solar Tracker System
 - 100W Flexible Solar Panel
 - Cables & Stakes
 - iOS/Android App
- Preview Buzz: [YouTube](#) & [LinkedIn](#)

(Designed for buyers to put the system to use right away)



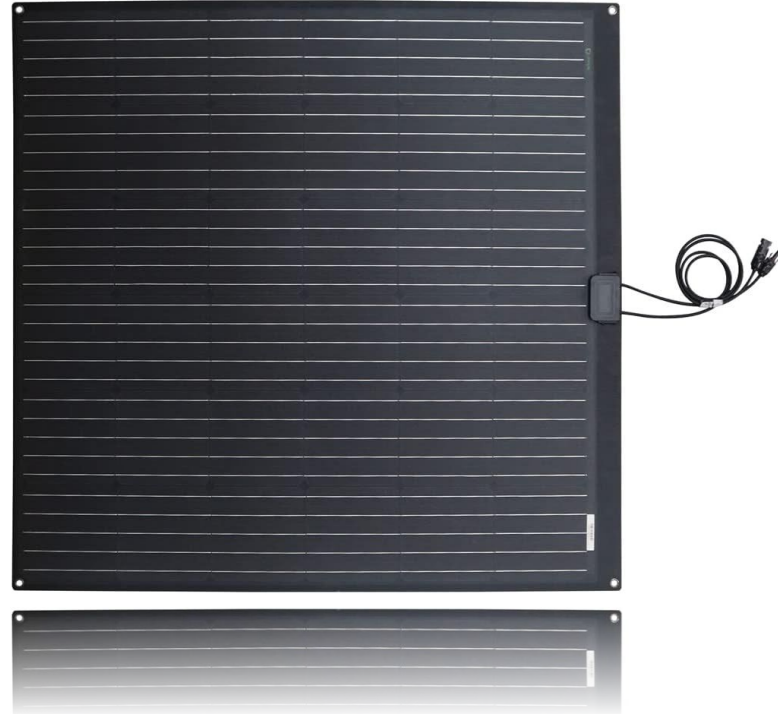
X Solar Stand - an innovative design for flexible solar panels

Flexible Solar Panels have various compelling attributes:

- Lightweight
- Flexible
- Waterproof
- Rugged, ideal for outdoor installation
- 9BB, ETFE Coated, best in class performance (23%+) in power generation
- Easy Storage
- Cost Competitive

X Solar Stand solves the one crucial limiting attribute for maximum usage

- ***Easy Installation***



X Solar Stand - *an innovative design for flexible solar panels*



200W Flexible Solar Panel Mounted on
X Solar Stand (Prototype) from Solar Pivot Power

X Solar Stand - an innovative design for flexible solar panels



Built-in Non-Skid Foot that also doubles as Stake
Suitable for various surfaces
Patent Pending Design

X Solar Stand - an innovative design for flexible solar panels



Adjustable Tilt Mechanism

Allows easy
adjustment of
panel angle for
Maximum Solar
Exposure



Multipurpose Tripod - an innovative design for outdoor enthusiasts

Multipurpose Tripod features rugged construction and thoughtful features:

- Lightweight
- Integrated Stakes
- Standards based features:
 - Arca-Swiss
 - Pan/Tilt
- High End Construction - Carbon Fiber, Aluminum, Stainless Steel

