

Portable Solar Power That Moves With the Mission.

OVERVIEW

Patented portable solar + high-output lighting platforms (eTower™ shipping pilots; PowerTower™ in development). Rapid solo deployment, silent swappable batteries, remote monitoring. 20 granted patent claims; pending hydraulic deployment & modular power architecture.

PROBLEM

- Diesel light/power towers: noisy, hot, refuel-dependent, high OPEX.
- Defense & disaster ops face an edge energy gap; fuel convoys create risk.
- Construction & infrastructure pressured to cut emissions & nighttime incidents.

SOLUTION

- Folding solar + swappable battery + telescoping LED mast (<5 min solo).
- Silent, zero on-site emissions; low heat & acoustic signature.
- Modular roadmap: surveillance, comms, C-UAS sensor payloads.
- Remote fleet telemetry & predictive maintenance.
- Wind-stable, weatherized, field-proven prototypes.

DUAL-USE MARKET

- Beachhead: U.S. construction + disaster response + early defense pilots.
- Secular diesel displacement + ESG/regulatory tailwinds.
- Defense urgency around energy resilience & signature reduction.

IP & MOAT

- Granted patent (20 claims) on folding solar tower architecture.
- Pending: hydraulic gas strut deployment; modular high-capacity PowerTower.
- Systems know-how: battery mgmt, rugged lightweight structures, telemetry firmware.
- Logistics edge: lower weight, no fuel supply chain, multi-role utility.

TRACTION

- Strategic pilot: largest global tool manufacturer (under NDA).
- Multi-gen prototypes; accumulated industrial & event field hours.
- Pipeline: enterprise construction + disaster & defense pilot interest (LOIs/evals).
- Lean R&D progression with capital efficiency; supply relationships established.

Defense: perimeter lighting, comms/sensor mast, silent C-UAS support power.

Disaster: rapid incident base lighting & device charging, zero fumes.

Construction: TCO savings, mobility, emissions & noise compliance.

BUSINESS MODEL

- Hardware sales + Hardware-as-a-Service (monitoring, analytics, warranty).
- Recurring SaaS: telemetry, AI site safety & energy optimization modules.
- Future modular payload SKU revenue (sensing, comms, surveillance).

GO-TO-MARKET

- Direct pilots (defense, disaster agencies) + enterprise construction sales.
- Channel leverage via strategic industrial partner & rental / 3PL networks.
- Data-driven ROI & TCO reduction case studies accelerate adoption.

18-MONTH ROADMAP

- 0–6m: PowerTower eng freeze; expand pilot fleet; hire CTO & COO.
- 6–12m: Structured defense/disaster pilots; mfg scale planning; new patents.
- 12–18m: Production ramp; integrated payload beta; Series A readiness.

RAISE & USE OF FUNDS

- Seeking ~\$10M Seed.
- Use: Product & ruggedization ~30%; Team (CTO/COO/eng/BD) ~35%;
- Manufacturing scale ~20%; Pilots & GTM ~15%.
- Goals: Ruggedize & certify; deploy defense/disaster pilots; reduce unit cost; build leadership.

COMPETITIVE POSITIONING

Eversun = high mobility + renewable multi-function + protected IP. Diesel towers: noisy, high OPEX. Surveillance-only towers: lack integrated renewable power. Basic battery lights: insufficient scale / no data layer.

KEY PROOF POINTS

- 20 granted patent claims (folding solar tower).
- Strategic Fortune 500 industrial pilot (NDA).
- Edge energy resilience focus aligns with emerging defense funding theses.
- Multi-sector demand validating dual-use model.

