

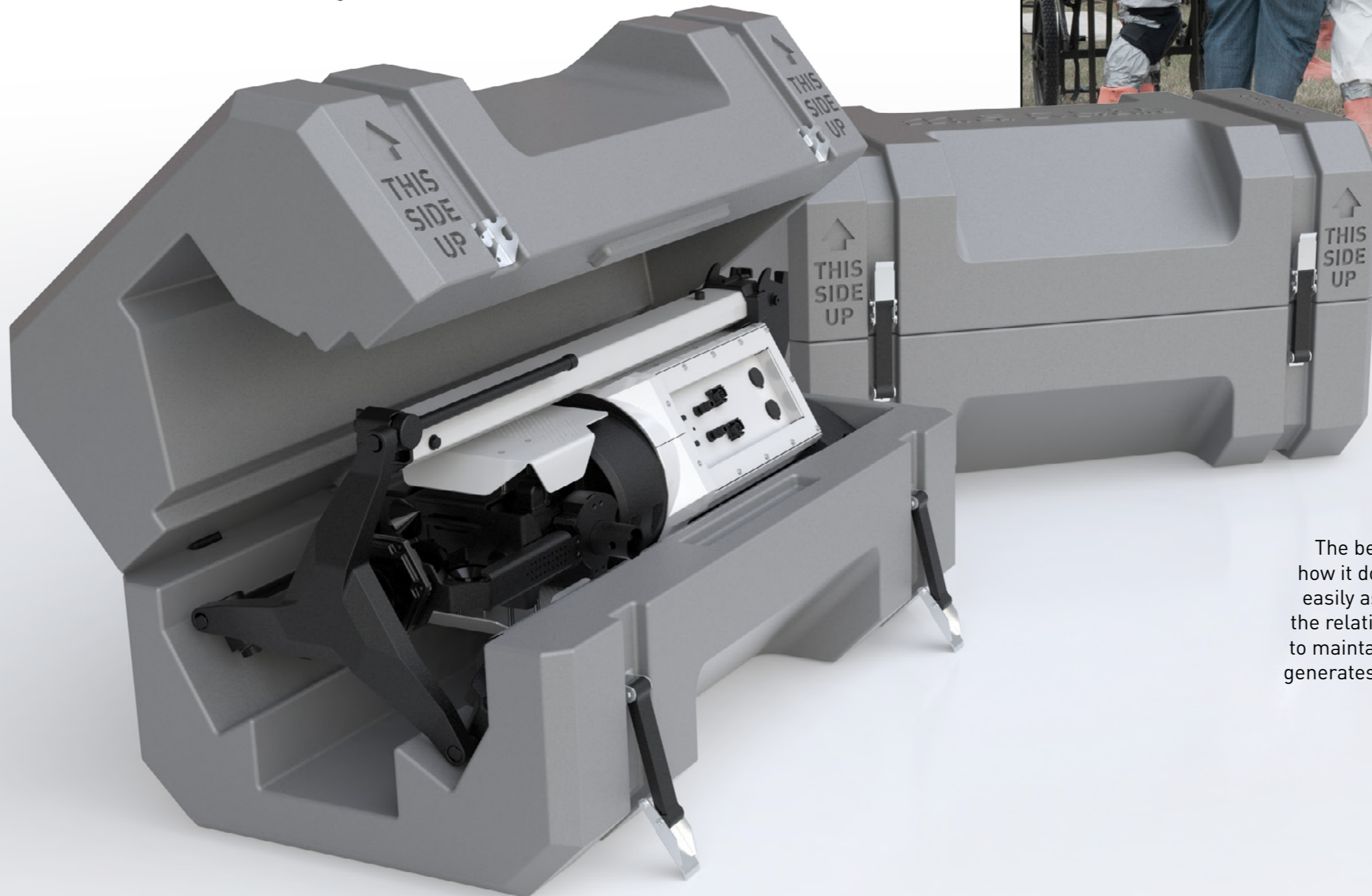
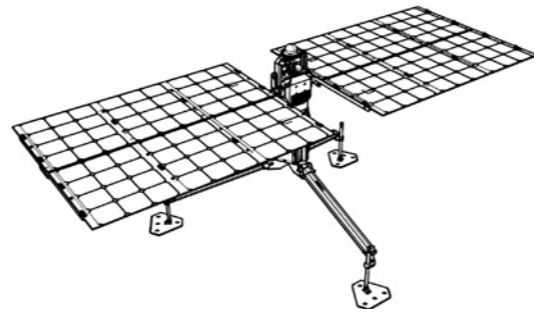
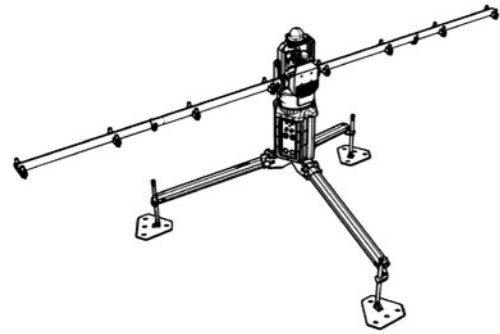
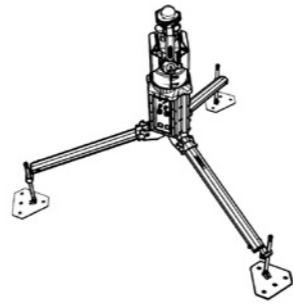
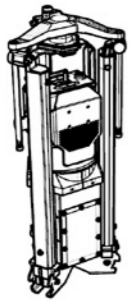


# SOLAR TRACKER

Marking the dawn of a new era in humanitarian relief capabilities, the ruggedized and portable Solar Tracker System produces readily available energy whenever and wherever the sun is shining - even in the most desolate environments.

Integral to an innovative approach for delivering portable energy, the Solar Tracker can be transported and deployed by two people. Once on-site, the unit can go from case to operational in under 15 minutes.

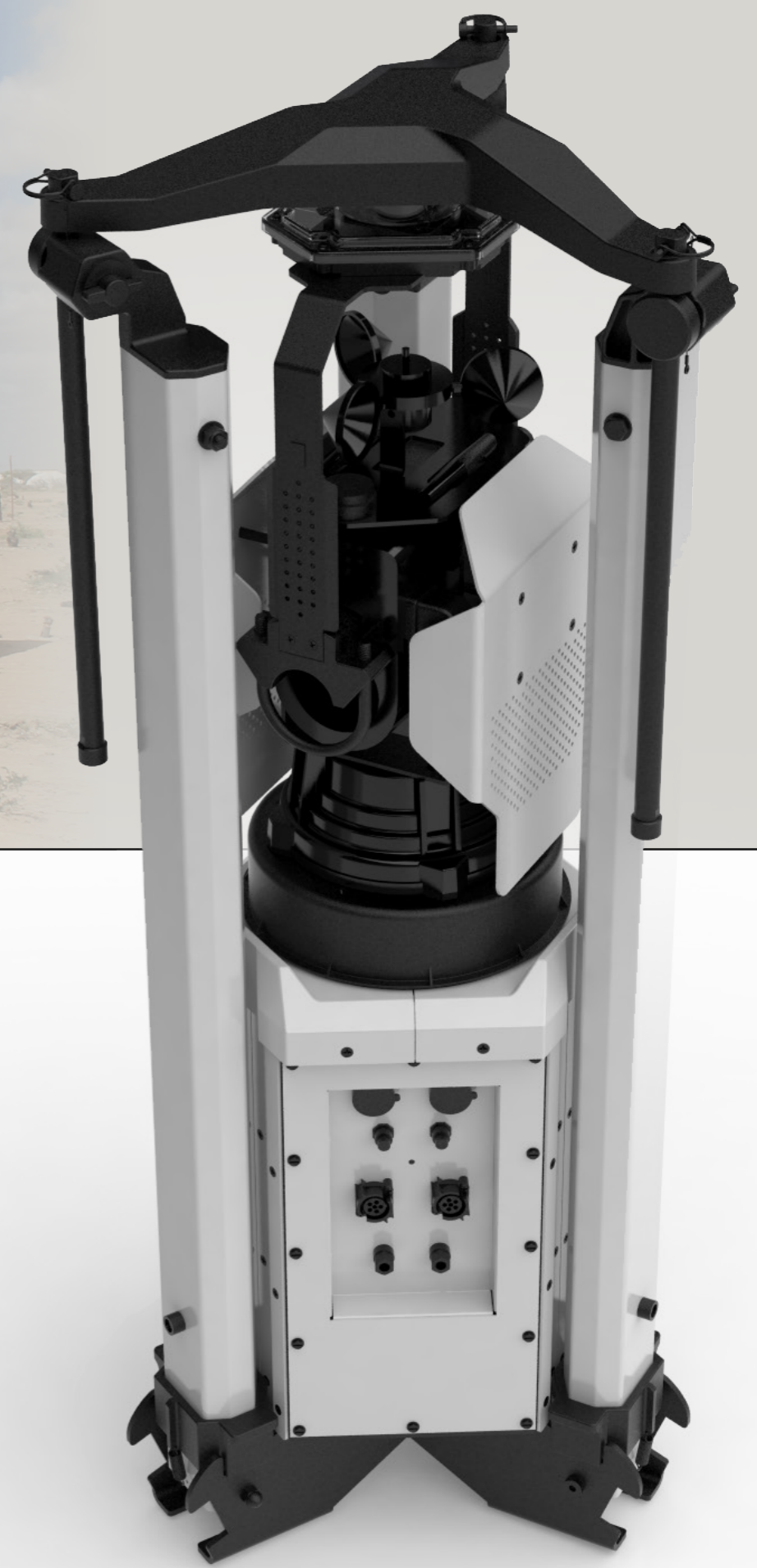




## RAPIDLY DEPLOYABLE

The benefit of the Solar Tracker isn't just in what it does, but how it does it. Requiring no tools for setup, the unit deploys as easily as a camera tripod. Once operational, the unit monitors the relative movement of the sun, automatically adjusting itself to maintain optimum positioning. In doing so, the Solar Tracker generates up to 40% more energy than stationary photovoltaics.





# HUMANITARIAN AID AND DISASTER RELIEF

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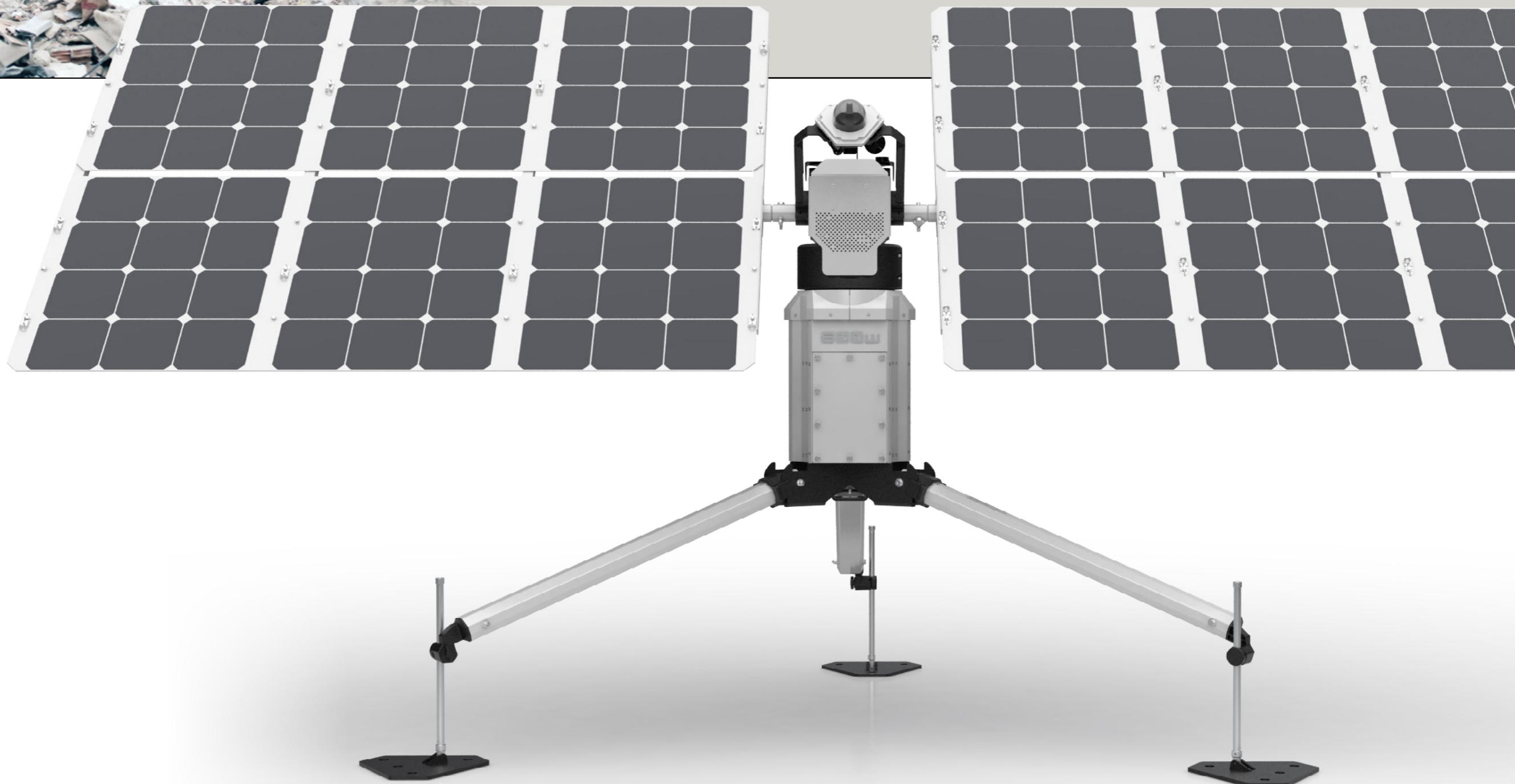
The Solar Tracker delivers more than solar energy. Equipped with a specialized wind sensor, the unit continuously monitors the wind, adjusting its panel positions to avoid possible damage that could compromise equipment and responsiveness in disaster relief environments. The intelligent, self-sufficient capabilities of the Solar Tracker enable first responders to focus on mission critical activities.



# WHERE DESIGN INTERSECTS DURABILITY

The robust design of the Solar Tracker delivers a dependable power source in the most demanding and challenging of circumstances. In environments where basic services have been compromised, the aesthetic of the Tracker resonates a powerful emotional message that help has arrived.

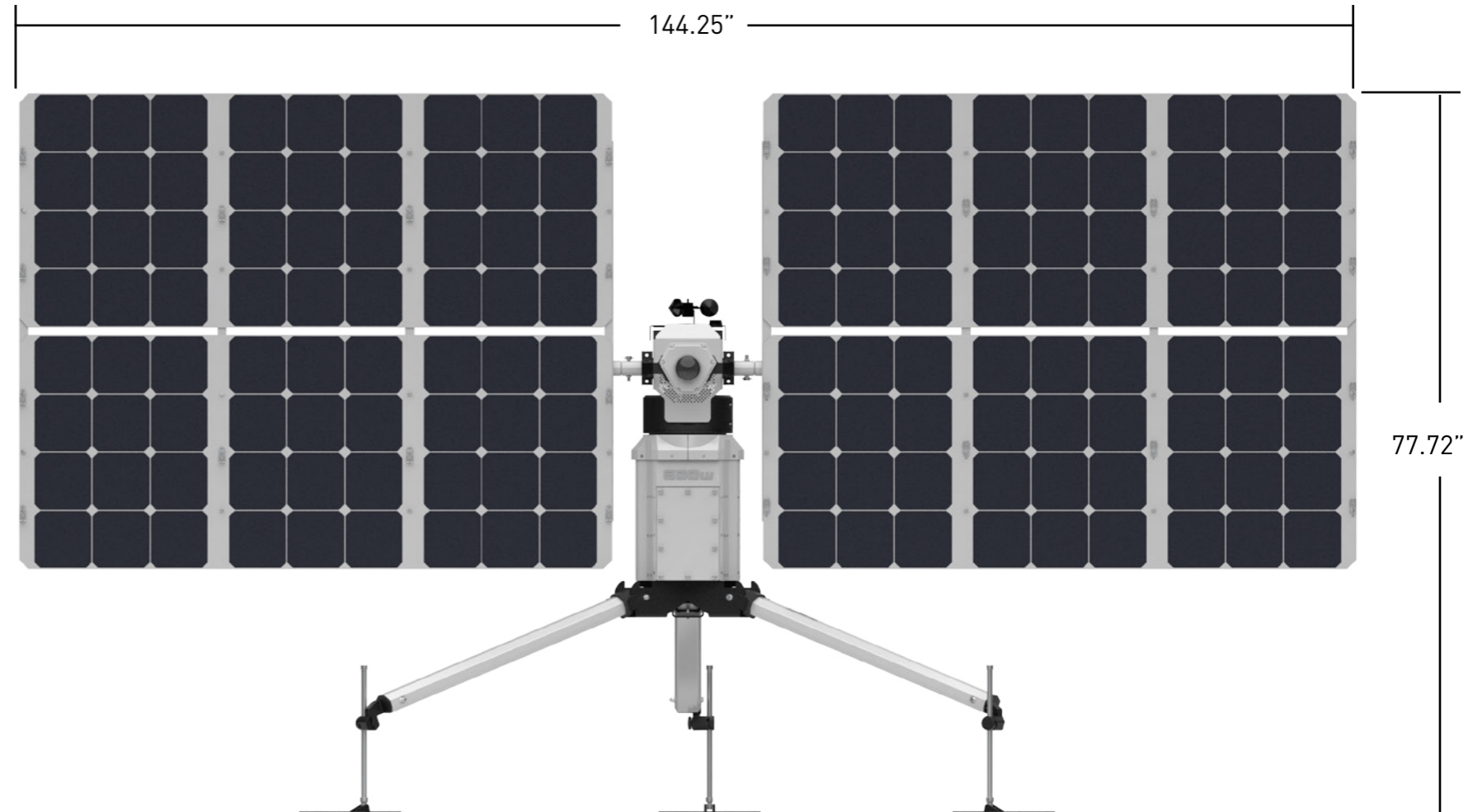
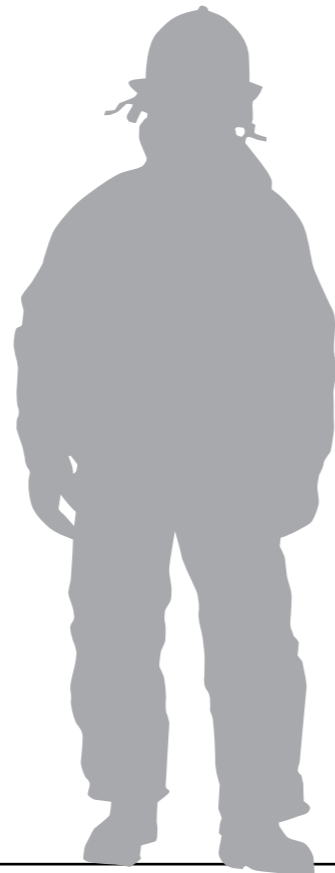
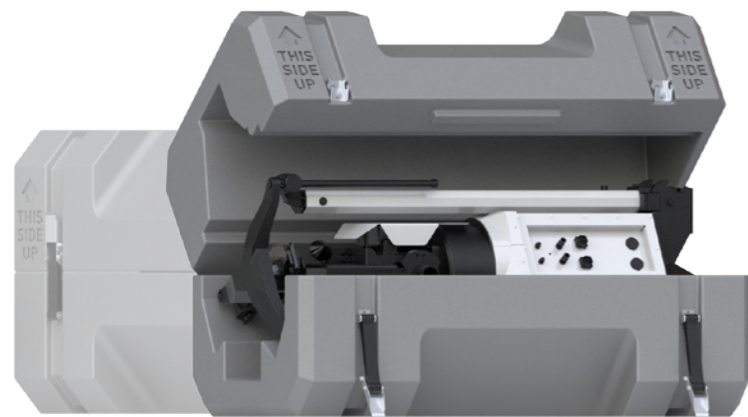
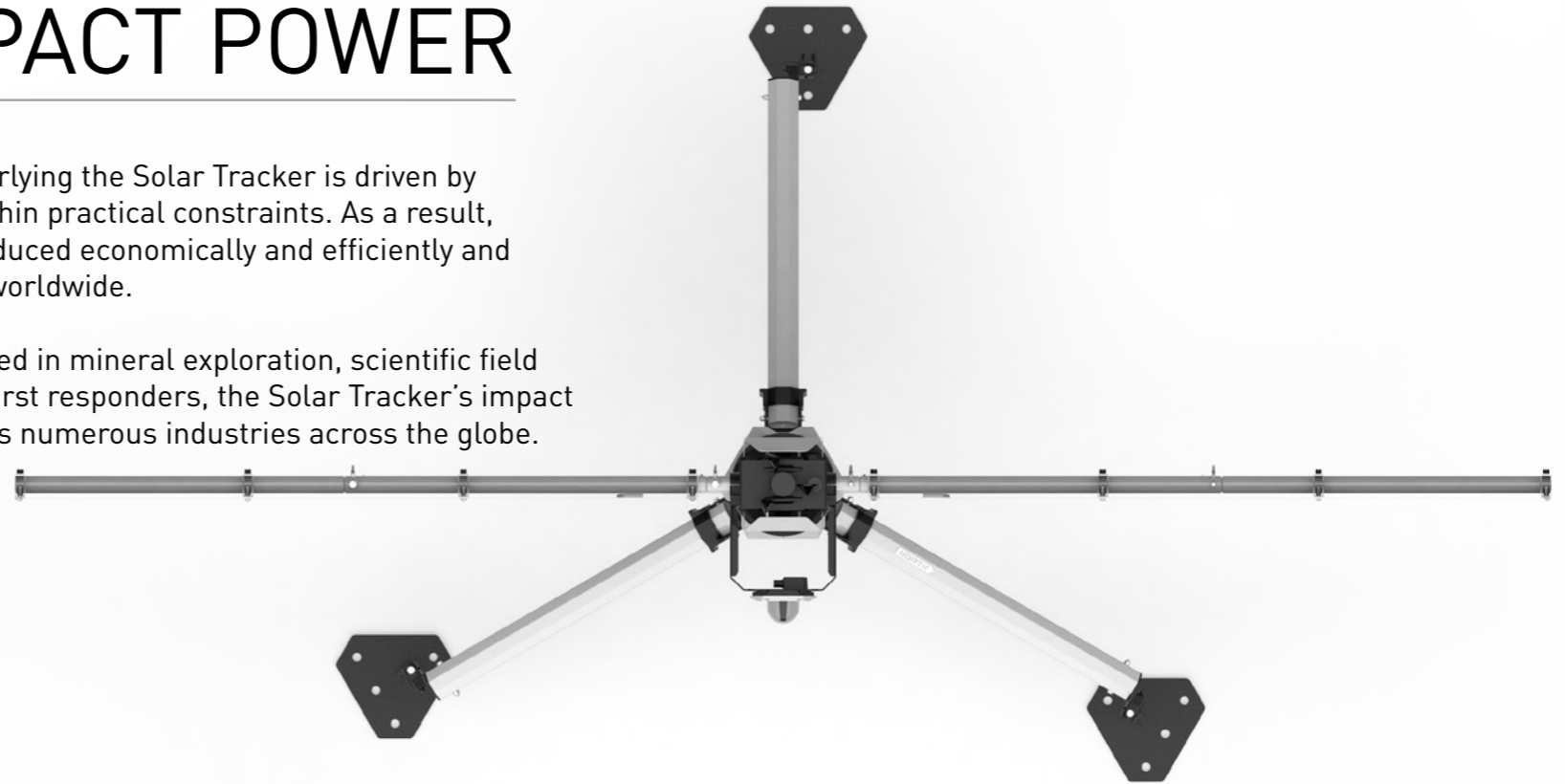
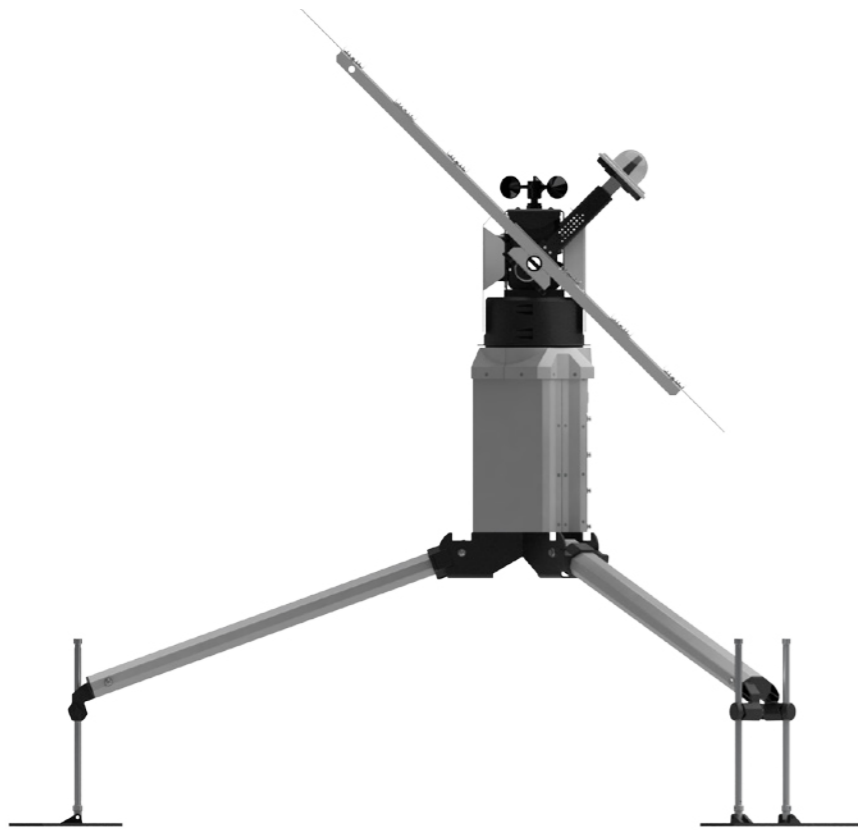
And, as a device that exploits green energy, it is gentle on the environment—whether the environment is gentle or not.



# COMPACT POWER

The design underlying the Solar Tracker is driven by performance within practical constraints. As a result, units can be produced economically and efficiently and be operational, worldwide.

Whether employed in mineral exploration, scientific field research, or by first responders, the Solar Tracker's impact will be felt across numerous industries across the globe.





# CREATORS & COLLABORATORS

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## ENGINEERING TEAM

Billy Silhan, CEO  
Mark Ryckman, Special Projects Director  
Bob Ciappa, Manager of Technical Support  
Clint Brown, Director of Engineering  
John Forsberg, VP of Combat Applications

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## ABOUT

Merlin Power Systems  
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The Merlin Power Systems name has become synonymous with power management. Today, the MPS focus remains steadfast; provide leading-edge power monitoring, power management, power distribution, and high-efficiency power generation solutions for mobile platforms and remote operating facilities. Our solutions are optimized for use in military, oil and gas, recreation, disaster recovery, and telecommunications industries.

MPS possesses over 20 years of experience and essential insight to understand advanced power solutions for remote and mobile applications and the skill to develop resources that achieve high expectations for reliability and efficiency. Each of our hybrid power solutions is designed utilizing a combination of battery monitoring, power management, solar tracking arrays, and fuel cell generators. Our capabilities in operations and design provide a unique opportunity for end-users to realize efficient and dependable power anywhere, anytime.

Headquartered in Hampton Bays, New York, MPS employs engineers, inventors, and select ex-service personnel who understand the unique challenges posed by the demands of modern conflict in the harshest of environments. This deep knowledge allows our team to relate to the most rugged needs of both our military and commercial customers. We have a diverse, talented, and innovative team committed to delivering tactical capabilities at accuracy levels previously unachievable.

## INDUSTRIAL DESIGN TEAM

Rob Brady, CEO / Design Director  
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Steve MacFarlane, Sr. Mechanical Engineer

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## ABOUT

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ROBRADY design is a multi-disciplined product design and development studio that offers its multinational client base—including General Electric, Mercedes-Benz, Office Depot, Parker Hannifin, AT&T, Textron, Caterpillar, Merial and Segway—progressive industrial design, mechanical design and engineering, graphics / packaging / GUI / web and eCommerce design, market research, brand and retail development, complete rapid prototyping and production program management. ROBRADY design stresses comprehensive speed-to-market product solutions from start-up to Fortune 100 by collaborating to identify the greatest areas of opportunity, producing innovative designs that deliver profitable results. ROBRADY delivers design, production and capital solutions to their clients in support of their research to reality philosophy.