

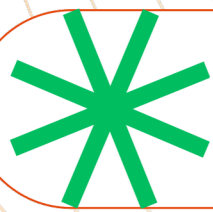


SOLENTRA ENERGY

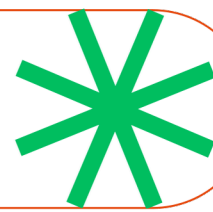
CLEAN ENERGY CLEAR ADVANTAGES

PITCH *Deck*

Clean Energy Systems
for Government,
Commercial &
Emergency Response.



www.solentraenergy.com



A PROBLEM WORTH SOLVING



PROBLEM

Energy Access Gaps in High-Need Areas

Millions in disaster-prone, rural, and underserved communities still lack stable access to clean power. Traditional rooftop solar takes time, permits, and permanent infrastructure — which doesn't work for mobile use, emergency response, or short-term deployment.



MARKET POTENTIAL

A \$30B+ Opportunity for Rapid Clean Energy Deployment

Government agencies, school districts, disaster relief organizations, and defense operations all need portable, scalable, and fast-deploying power. Solentra Energy fills the gap — delivering clean energy where fixed systems can't. Mobility, resilience, and speed make this a high-demand growth market.

**SOLENTRA
GX505 INT™ —
COMPACT
INDOOR/UTILITY
ENERGY
STORAGE**

02
OUR BIG IDEA

**Solentra GX505
EXT™ —
Ruggedized unit
for trailers and
field deployment**



**“Certified for
U.S. agency
and
institutional
deployment”**



Solentra Energy is redefining clean energy deployment through mobile solar solutions. We’re bridging gaps in public infrastructure, enabling energy access for schools, local governments, emergency response units, and communities in transition — where rooftop solar simply isn’t viable.

We’re not just powering buildings — we’re powering readiness. Solentra trailers are scalable, grant-ready, and built to serve federal, state, and community resilience goals nationwide



**SCALABLE
SOLUTIONS.
NATIONAL
VISION**



UL9540 / UL1973 Certified. Approved for U.S. federal, state, and institutional use. Assembled in the U.S. and eligible for compliance-based clean energy programs.

Solentra MobileGrid Max Series™



Trailer Frame
7×14 double-axle

Battery Capacity
30 kWh

Battery Type
Lithium Iron Phosphate (LiFePO₄)

Inverter
6 kW

Equipped
3-year system, 1-year trailer
5-year battery

Warranty
3-year system, 1-year trailer,
5-year batten

Certification
UN 38.3, UL 1973, RoHS

SOLENTRA MOBILEGRID PRO SERIES™



- Trailer Frame: 7×14 double-axle
- Battery Capacity: 50 kWh
- Battery Type: LFP (Field Equivalent)
- Inverter: 8 kW
- Output: 60A 120/240V
- Built-in Solar: 4 kW
- Additional Solar: None
- Battery Expansion: 3 × Solentra \$ 355™ + 8 × Solentra \$ 1212™
- Theft Prevention: Equipped
- Warranty:



SOLENTRA ENERGY

SOLENTRA MobileGrid E-Series™

Compact. Resilient. Ready to Deploy.



Technical Specifications

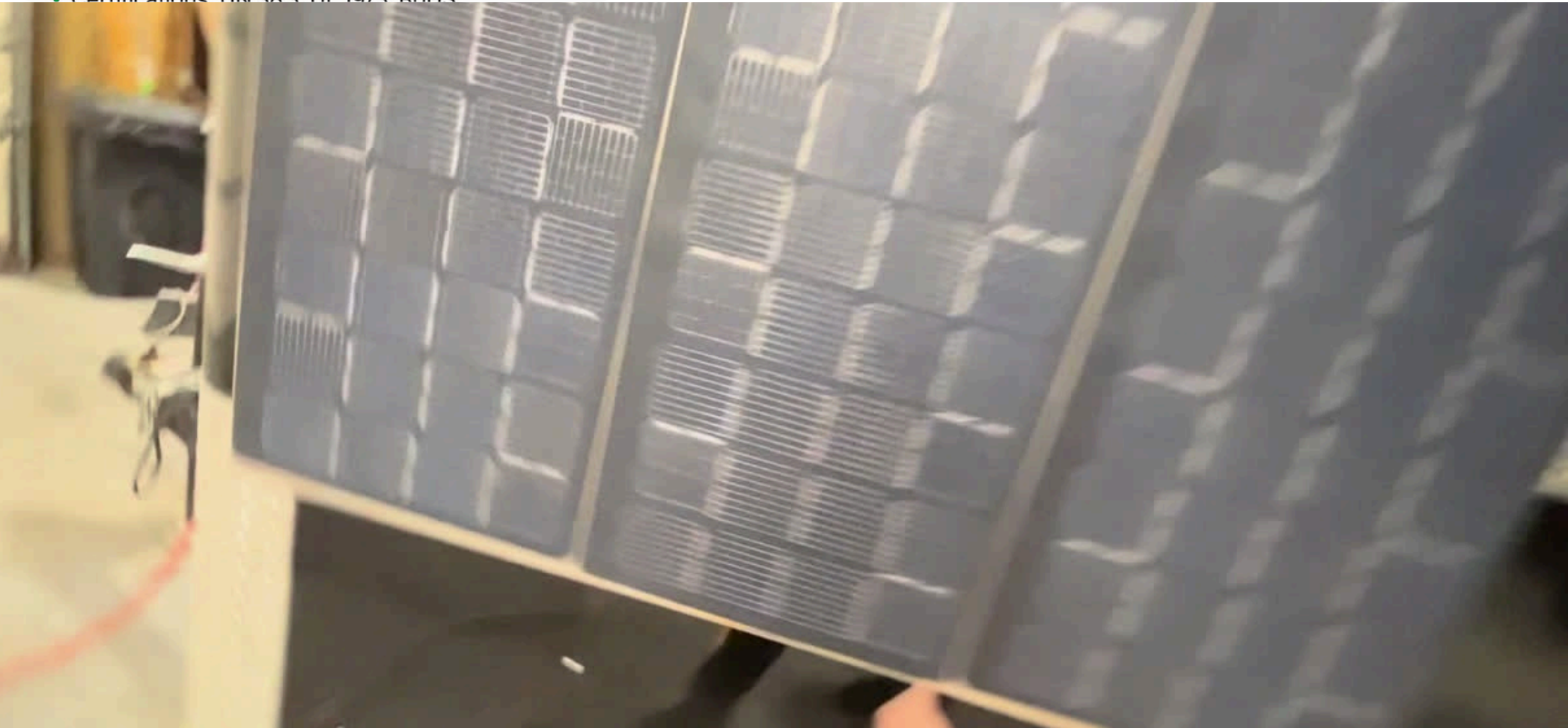
- Trailer Frame: 5x8 single-axle
- Battery Capacity: 20 kWh
- Battery Type: Lithium Iron Phosphate (LiFePO₄)
- Inverter: 5 kW hybrid inverter
- Outlets: 15A, 120/240V
- Outlets: 4 external
- Built-in Solar: 1.26 kW
- Additional Solar: None
- Theft Prevention: Tow lock collar and rear padlocks included
- Warranty: 2-year system, 1-year trailer, 5-year battery

Solentra MobileGrid E+ Series™



Specifications

- Trailer Frame: 5×8 single-axle
- Battery Capacity: 20 kWh
- Battery Type: Lithium Iron Phosphate (LiFePO₄)
- Inverter: 5 kW
- Output: 15 A 120/24V
- Outlets: 4 external, 4 internal
- Built-in Solar: 1.26 kW
- Additional Solar: None
- Theft Prevention: Tow lock collar and rear padlocks included
- Warranty: 2-year system, 1-year trailer, 5-year battery
- Certifications: UN 38.3, UL 1973, RoHS



OUR SOLUTIONS
UL9540 / UL1973 CERTIFIED.
APPROVED FOR U.S. FEDERAL,
STATE, AND INSTITUTIONAL USE

OUR SOLUTIONS (CE / ISO
CERTIFIED —
COMMERCIAL & GLOBAL)


CERTIFIED UNDER CE AND ISO
STANDARDS. IDEAL FOR
COMMERCIAL, ESG, AND
INTERNATIONAL USE. NOT INTENDED
FOR U.S. FEDERAL DEPLOYMENTS
REQUIRING UL CERTIFICATION

Solentra
MobileGrid T
Series™




Solar Panel	2 × 450W
Panel rotation	330°
Panel Lifting	30°/40°/50°/60°
Lithium Battery	2 × 200Ah DC24V
Battery Capacity	9600Wh 95% DoC, 6500 Cycles
System Voltage	DC24V with remote monitoring
Battery Charger	1.5KW, 15A
CCTV BOX	Yes
4G Router	Yes
Loud Speaker	Yes
Controller	45A MPPT
Mast & Height	6 Sections 7M/9M
Mast Lifting	Manual/Electric Winch
Trailer Standard	US / AU / EU
Hitch	2" Ball / 3" Ring
Brake	Electric
Axle	Single
Tire	14 inch
Outriggers	4 ×
Lifting Ring	4 ×
Forklift Holes	6×
Working Temp	-35°C~60°C
Charging Time	8.5 hours
Running Time	5.3 days for 60W
Dimension(mm)	3270*1675*3175
Weight	1100kgs
QTY in 20' / 40'	6 units / 14 units


OPTIONAL




LFP Battery



Victron



AL-KO



Skid Type



CCTV System



4MP PTZ × 2



4MP Bullet × 2



20TB NVR



4G Router



Loud Speaker



HiBOX

CONTAINER LOADING


20' | 6 units 40' | 14 units




Solentra
MobileGrid T+
Series™

Solar Panel	2 × 600W
Panel rotation	235°
Panel Lifting	30°/40°/50°/60°
Battery	4 × 250Ah DC12V
Battery Capacity	12000Wh 80% DoC
System Voltage	DC24V
Battery Charger	1.5KW, 15A
CCTV BOX	Yes
4G Router	Optional
Loud Speaker	Optional
Controller	50A MPPT
Mast & Height	6 Sections 9M
Mast Lifting	Electric Winch
Trailer Standard	US / AU / EU
Hitch	2" Ball / 3" Ring
Brake	Electric
Axle	Single
Tire	14 inch
Outriggers	4 ×
Lifting Ring	4 ×
Forklift Holes	6×
Working Temp	-35°C~60°C
Charging Time	8.0 hours
Running Time	6.6 days for 60W
Dimension(mm)	3778*1675*3175
Weight	1250kgs
QTY in 20' / 40'	6 units / 14 units


OPTIONAL




LFP Battery



Victron



AL-KO



Skid Type

CONTAINER LOADING

20' | 6 units 40' | 14 units



The above parameters are for reference only. All products are subject to the actual products received.

PRODUCT IN ACTION



**AN INSIDE LOOK AT
HOW OUR
PRODUCT WORKS
AND WHAT SETS IT
APART.**

Experience the Solentra MobileGrid Max Series™ in action as it deploys its high-efficiency solar wings. Engineered for resilience, mobility, and clean energy delivery, this portable solar power unit is ideal for emergency response, off-grid operations, and energy independence. Whether you're powering a remote site or supporting disaster recovery, the MobileGrid Max Series™ unfolds in seconds—ready to deliver sustainable power wherever it's needed.

PHASE 2 READY:

Solentra has pre-vetted additional Tier 2 suppliers for ESG-aligned, rack-mounted energy storage systems. These expansion-grade partners are on standby and require no onboarding — ready to support commercial, telecom, and fixed-site resilience deployments as Phase 2 funding is activated.

[Watch Full Demo at](#)
www.SolentraEnergy.com

Sales@Solentraenergy.com

WHO WE SERVE

SOLENTA DELIVERS
CLEAN, MOBILE ENERGY
WHERE TRADITIONAL
SOLAR CAN'T —
EMPOWERING RESILIENCE
FOR EVERY MISSION-
CRITICAL ENVIRONMENT.

WHY SOLENTA?

- ✓ GRANT-READY PRODUCTS
- ✓ RAPID DEPLOYMENT — 5-MIN SETUP
- ✓ TAMPER-RESISTANT, SECURE DESIGNS
- ✓ CLEAN ENERGY, NO DIESEL NOISE OR FUMES
- ✓ FLEXIBLE CONFIGURATIONS (INT, EXT, E+, MAX)



Solentra MobileGrid Pro Series™

www.solentraenergy.com

850-900-3717

Sales@Solentraenergy.com



10K+ USERS IMPACTED

Solentra's equipment line—deployed by partners nationwide—has supported field teams during wildfire season, disaster relief missions, and mobile response training hubs.

PILOT READY, NATIONWIDE IMPACT



SOLENTRA UNITS ARE PRE-POSITIONED AND GRANT-COMPATIBLE, WITH SUPPORT FOR RURAL TEAMS, TRAINING EXERCISES, AND FEDERALLY FUNDED ENERGY ACCESS PILOTS.

THE SOLENTRA GX505 INT™ HAS BEEN SELECTED BY PROCUREMENT TEAMS AND RESPONSE PARTNERS FOR USE IN CERT-STYLE DEPLOYMENTS, FIELD TRAINING SETUPS, AND MOBILE COMMAND CENTERS. BUILT FOR MISSION-CRITICAL RESILIENCE, IT PROVIDES SILENT, CLEAN POWER FOR OFF-GRID OPERATIONS—WITH ZERO DIESEL, ZERO NOISE, AND NEAR-INSTANT ACTIVATION. SOLENTRA'S TRAILER-MOUNTED SYSTEMS SUPPORT FIRST RESPONDERS, MUNICIPAL AGENCIES, AND EMERGENCY COORDINATORS ACROSS THE COUNTRY.



WHO'S BEHIND SOLENTRA

“Solentra is built to be fundable, scalable, and financially ready for public sector impact.”



**OMAR
GUEYE**

Omar.Gueye@solentraenergy.com

Co-Founder & Operations Director
Omar leads day-to-day operations at Solentra Energy, bringing a strong background in logistics, solar supply chain, and field deployment. He has managed large-scale equipment distribution and solar transport across the U.S., ensuring precision, speed, and resilience. As Operations Director, he oversees supplier coordination, system integration, and national deployment strategy — ensuring Solentra delivers clean power wherever it’s needed, on time and on budget.



**AMBER
BRUNSON**

Amber.Brunson@solentraenergy.com

Co-Founder & Director of Finance
Amber oversees Solentra’s financial planning, budgeting, and grant alignment strategies. With experience in procurement coordination and public funding documentation, she ensures every project is structured for financial sustainability and compliance. Amber plays a key role in positioning Solentra for government and agency funding, while supporting investor readiness and contract alignment.

CORE VALUES

1. Resilience First

We design systems that withstand disruption and deliver critical energy in the toughest environments.

2. Access for All

Solentra exists to bring clean power to underserved, off-grid, and disaster-prone communities.

3. Integrity in Every Watt

We operate with transparency, honesty, and commitment — in how we build, serve, and scale.

4. Innovation with Purpose

Every Solentra solution is engineered not just to impress — but to solve real-world problems quickly and affordably.

5. Partnership-Driven

We believe progress happens through collaboration. We work with government, NGOs, and private sector leaders to amplify impact.



SOLENTRA ENERGY

CLEAN ENERGY CLEAR ADVANTAGES

THANK *You!*

sales@Solentraenergy.com

850-900-3717 |

www.Solentraenergy.com



Www.Solentraenergy.com

