



Reliable Renewable Power On the Go!

**Are your customers protected
against long-term power loss?**

**Have you considered how energy
storage can protect your clients'
operations from disruption?**

**Would your company benefit
from a mobile power source?**

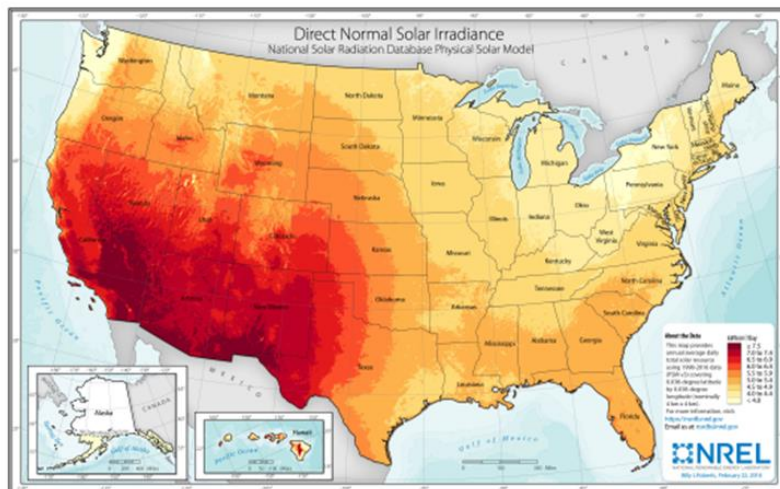
**Do you need mobile EV charging
capabilities?**

HARDENING AGAINST EMP/HEMP/NEMP

An EMP (Electromagnetic Pulse), HEMP (High-Altitude Microwave Pulse) or (NEMP) Nuclear Electromagnetic Pulse is a sudden burst of electromagnetic energy capable of disrupting or damaging electronic systems and power grids over a wide area. These events can be natural (like solar storms) or man-made, and they pose serious risks to critical infrastructure, communications and energy reliability.

BATTERY SYSTEM

This unit comes standard with 500+kWh lithium-ion phosphate storage and is factory set to draw down only 90% of the total stored energy (to extend the life of the batteries). The system owner has control over the battery draw via the Cellular connection. This units can be equipped with a standby gas (LP) generator which can be sized to guarantee a minimum number of kWh on a given day.



Chicago kWh

Full Sun Day Summer	348
Average Day Summer	325
Full Sun Day Winter	130
Average Day Winter	98

Phoenix kWh

Full Sun Day Summer	437
Average Day Summer	400
Full Sun Day Winter	226
Average Day Winter	194

PROVEN APPLICATIONS

- Remote Job Sites – Power tools, trailers, and equipment off-grid
 - Healthcare & Schools – Back up essential systems safely
 - Disaster Zones – Fast deployment where the grid fails
 - Fleet Charging – Charge EVs for transit and service fleets
 - Events – Quietly power stages, lights, and vendors
 - Facility Backup - A reliable emergency solution

STANDARD EQUIPMENT INCLUDED

PV MICROGRID

- Operates On/Off Grid

ENERGY BLOCK™

- Lithium Ion Phosphate
- *Other advanced storage options available
- Installed Capacity 500+KW
- 277/480/ 3-Phase
- Max AC 90KW

ADDITIONAL OPTIONS

- Level 2 or Level 3 EV Chargers
- *EV Units Sold Separately
- Hardening Against EMP/HEMP/NEMP
- *Available in 2026
- 120/240 Single Phase

TRAILER FEATURES CERTIFICATION

- 60,000 GVWR
- Spread-Axle
- Steel Stepdeck
- 255/70R22.5 Tires
- Steel Unimount Wheels
- Air Drum Brakes
- Steel Frame
- Air Ride Suspension
- 5th Plate Hitch
- LED Lights
- Single Axis Tracking
- Cellular Monitoring
- Weather Station with a Storm Alert Function

SAFETY FEATURES

- Weather Responsive Stowing
- US and Canada DOT Compliant

**This Product is 100% Eligible for the Federal IRA
Investment Tax Credit.**

*50% deposit required for purchase confirmation.

This machinery is manufactured to meet specific U.S.
requirements. Final assembly point: Greenbay, WI, USA.

**Learn how the Sun Commander® Road
can keep you powered.**

Contact us at info@dayandnightsolar.com or (618)344-4001

