



**IRONGRID™**  
Mobile Solar Power Station

[IRONGRID.COM](http://IRONGRID.COM)

Lic #1076156

# MOBILE POWER STATION FOR FIELD OPERATIONS AND REMOTE WORK.

## SOLAR PANELS POWERED BY HYPERION®

Get consistent power using our solar panels.

## A/C UNIT

Keep your unit cool with an installed A/C unit.

## GENERATOR POWERED BY GENERAC®

Reliable and powerful generator ensuring you don't lose power.

## STORAGE CONTAINER STYLE FOR MOBILITY

Consistently on the go? Our storage container build allows for easy placement and removal.

**TURN IT INTO WHAT YOU NEED.**

VISIT OUR SITE TO LEARN MORE



MOBILE OFFICE



RECREATIONAL USE



JOB-SITE WORK STATION



# ABOUT IRONGRID

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Iron Grid is a battery energy storage system built inside reinforced shipping containers. Each unit is engineered to function as a self-contained power resource that can be deployed, repositioned, or expanded depending on operational needs.

## SOLAR PANELS



### HIGH CONVERSION EFFICIENCY

Module efficiency up to 21.0%



### EXCELLENT WEAK LIGHT PERFORMANCE

More power output in cloudy, morning or sunset conditions.



### EXTENDED MECHANICAL PERFORMANCE

Certified to withstand extreme wind (2400 Pa) and snow loads (5400 Pa).



### QUALITY GUARANTEE

Quality ensures long-term reliability.

### PRODUCT SPECIFICATIONS

Maximum Power at STC (Pmax)	410 W
Optimum Operating Voltage (Vmp)	31.45 V
Optimum Operating Current (Imp)	13.04 A
Open Circuit Voltage (Voc)	37.42 V
Short Circuit Current (Isc)	13.95 A
Module Efficiency	21.0%

## POWER INVERTER



### NO OPERATING COSTS

Minimal to no operating or maintenance costs.



### DC TO DC ARCHITECTURE

Maximize your battery efficiency with DC-to-DC architecture. Your same kWh batteries will last longer.



### 2X MILITARY GRADE EMP OPTION

Exceeds military grade standards to keep working through lightning strikes and other military grade weapons.

### PRODUCT SPECIFICATIONS

<b>Advanced Back-up Power</b>	<b>Flexible Battery Choice</b>
15 kW AC	275A Battery Charger
12 kW AC from Batteries	2X-48V Battery Ports
200A Grid Pass-Through	UL9540 Options
<b>Multiple Solar Options</b>	<b>Generator Ready</b>
6X DC Solar Ports	Dedicated GEN Port
3X Full Sized MPPTs	AutoStart Capable
19 kW AC Coupling	Single Circuit Smart Load Functionality
Rapid Shutdown Controls	

## BATTERY



### HIGH POWER

Whole-home backup available with 14.4 kW.



### SAFE FOR HOME & ENVIRONMENT

Cobalt free, low voltage and meets the highest standards for safety.



### LIVE COMMUNICATION

Real time display, mobile monitoring app, and a secure closed-loop communications.



### 10 YEAR WARRANTY

Our warranty is per component to support upgradability.

### PRODUCT SPECIFICATIONS

Total Energy	9.6 kWh
Continuous Power Output	8.6 kW
Capacity	200 Ah
Nominal DC Voltage	48 V
DC Voltage Range	46-56 V
Max. Charge Current	180 A
Max. Continuous Discharge Current	180 A
Max. Pulse Current DC-10 sec.	>98%
Efficiency	

10 YEAR WARRANTY

RAPID DEPLOYMENT & INSTALLATION

SCALABLE & MODIFIABLE

NATIONWIDE DELIVERY

