

# MNLR4548RE Inverter/Charger

The MNLR4548RE delivers premium, high-performance power you can count on—whether you're off the grid or safeguarding critical systems. Designed for reliability and versatility, it offers intelligent control features that let you customize your system to meet your energy needs.

## Product Features

- True sinewave inverter with charger
- 60-amp multi-stage charging system
- Auto Gen Start (2-wire generators)
- Multiple Aux input/outputs
- MidNite BTS Optional
- Quiet forced air cooling
- CanBus communications
- Powder-coated aluminum enclosure
- Light weight: 15 lbs.
- Built in Arlington, WA USA
- 5-year warranty
- Listings: UL1741 and CSA 22.2 (Pending)
- Dark Start feature allows an AC power source to activate the inverter, enabling it to recharge a fully depleted battery bank.
- AC pass-through relay remains functional whenever AC power is available, even with a dead battery.



## Product Specifications

AC Output Voltage (Accuracy)	120VAC ( $\pm 2\%$ )
Output Power (Continuous @ 25°C)	4500W
5 Second Surge	6750W
5 Minute Surge	5625W
30 Minute Surge	4950W
AC Input Frequency Range	48 to 72 Hz
AC Input Voltage Limits	82 to 140 VAC
Grid/Generator Support	Yes
Input Battery Voltage Range	40 to 63 VDC
Length (in)	20.25
Width (in)	9
Height (in)	6
Weight (lbs.)	15



**MidNite**  
**SOLAR, INC**

Arlington, WA