

# 2400W Off-Grid Box Kit

8 Panel, 8 Battery, 4400W 48V Inverter



**300 Watt Matrix Monocrystalline Solar Panel**

Average Panel Size: 39 x 65 x 2in



**6AWG RW90 Wire**

Red (65 Amp Rating)  
Black (65 Amp Rating)  
Green (65 Amp Rating)



**PV/UV Protected 10AWG Cable**

(One end has pair of MC4 Connectors)



**4/0 AWG Battery Jumper Cable**

(Black/Post)



**4/0-AWG Inverter Cables**

(Pair of Red & Black)



**1" Steel Lock Nut**



**GALV Close Nipple**

Used For Midnite Fastning to Electric Box



**Zip Ties**



**Wood Screws**



**Strain Relief Connector**

3/8" Strain Relief Connector  
2" Strain Relief Connector

## Matrix Infinity Off-Grid Power Board



**Magnum MS4448PAE  
Pure Sine Inverter/Charger**

**Midnite Classic 150  
MPPT Controller 96A**

**Magnum Energy  
ME-RC50 Remote Control**

**Magnum Mini 175-30D Panel**

**Magnum Backplate**



**Matrix Carbon AGM Battery**

- 12 Volt
- 224 Amp-Hour
- 4500 Cycles @ 50% D.O.D



**Midnite Solar MNPV6  
Combiner Box with Breakers**

- 15A 150VDC
- 30A 150 VDC
- 63A 150VDC