

3600W Off-Grid Box Kit

12 Panel, 8 Battery, 4400W 48V Inverter



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
- 63A 150 VDC
- 100A 150VDC



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
3/4" Strain Relief Connector
2" Strain Relief Connector