

5400W Off-Grid Box Kit

18 Panel, 16 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
3/4" 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
- 63A 150 VDC
- 100A 150VDC