MIDNITE SOLAR INC.

ROSIE 7048 Pre-wired Systems

The Rosie Pre-wired Systems were designed by MidNite Solar's engineers with over 100 years of renewable energy off-grid experience.

The Rosie Pre-wired Systems have a high frequency, high power design that is light weight and provides pure sine wave power!

SYSTEM FEATURES

- 7000 watts/ 48 volt DC
- Extremely lite weight
  - Rosie Inverter: 42 lbs.
  - Rosie E-panel: 21 lbs.
  - Rosie Backpanel: 8 lbs.
- 2 aux input/outputs
- 120/240 Vac output
- True sine wave inverter with charger
- Zero transfer time
- Quiet forced air cooling
- State Of Charge monitoring with MidNite Wizbang Jr. and MNGP2 display
- Die cast aluminum enclosure
- Auto gen start (two-wire generators) *Coming soon*
- Battery Temperature Sensor included
- Remote battery voltage senser
- Canbus communication
- Lithium compatible
- 60A transfer relay
- Screened (gecko/mud dauber proof)
- Listed UL1741 and CSA
  NOTE: CSA pending on breaker boxes
- Designed and built in Arlington, WA USA

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ROSIE 7048 Pre-wired Systems

SYSTEM SPECIFICATIONS

www.midnitesolar.com
19115 - 62nd Ave. NE., Arlington, WA. 360-403-7207

Rosie - Barcelona Pre-wired System

MNROSIE7048-PW and MNBCLNA-PW

Output power (continuous) at 25°C	7000VA
Overload 30 min sec at 25°C	8400VA
Output power (continuous) at 40°C	6000VA
Maximum output current 60 seconds (RMS)	60A
Maximum surge	15,000VA
Output frequency / voltage	60Hz/Output voltage 120 or 120/240VAC
Total harmonic distortion at rated power	<5%
Consumption	30 Watts without search and 7 watts with search
Input DC voltage range	40 to 65VDC
Maximum solar charge	200A
Maximum charge from AC source	120A *(Can be combined with solar charging)*
Charge control	Two or Three stage charging

Rosie - Hawke's Bay Pre-wired System

MNROSIE7048-PW and MNHAWKE'S BAY 90PW or MNHAWKE'S BAY 120PW

Output power (continuous) at 25°C	7000VA
Overload 30 min sec at 25°C	8400VA
Output power (continuous) at 40°C	6000VA
Maximum output current 60 seconds (RMS)	60A
Maximum surge	15,000VA
Output frequency / voltage	60Hz/Output voltage 120 or 120/240VAC
Total harmonic distortion at rated power	<5%
Consumption	30 Watts without search and 7 watts with search
Input DC voltage range	40 to 65VDC
Maximum solar charge	90 or 120A
Maximum charge from AC source	120A *(Can be combined with solar charging)*
Charge control	Two or Three stage charging

Rosie - Classic Pre-wired System

MNROSIE7048-CL150-PW** or **MNROSIE7048-CL200-PW** or **MNROSIE7048-CL250-PW

Output power (continuous) at 25°C	7000VA
Overload 30 min sec at 25°C	8400VA
Output power (continuous) at 40°C	6000VA
Maximum output charge current	88A
Maximum surge	15,000VA
Output frequency / voltage	60Hz/Output voltage 120 or 120/240VAC
Total harmonic distortion at rated power	<5%
Consumption	30 Watts without search and 7 watts with search
Input DC voltage range	40 to 65VDC
Maximum Solar Charge	86/78 /55A
Maximum Charge from AC source	120A *(Can be combined with solar charging)*
Charge control	Two or Three stage charging

Rosie Pre-wired System

MNROSIE7048-PW

Output power (continuous) at 25°C	7000VA
Overload 30 min sec at 25°C	8400VA
Output power (continuous) at 40°C	6000VA
Maximum output current 60 seconds (RMS)	60A
Maximum surge	15,000VA
Output frequency / voltage	60Hz/Output voltage 120 or 120/240VAC
Total harmonic distortion at rated power	<5%
Consumption	30 Watts without search and 7 watts with search
Input DC voltage range	40 to 65VDC
Maximum output charge current AC source	120A