

Off-grid Power Plant on Wheels

Solar / Battery Backup Trailer



REMOTE POWER
FOR FARMS,
RANCHES &
HOMESTEADS
BACK40-SOLAR.COM

The first production run in years! Complete 2 YEAR WARRANTY. The most reliable power anywhere. Tough as a tank. Upgraded solar arrays that charge a battery bank and inverter, giving you reliable power at night. Kubota Diesel Generators (optional) when the sun doesn't come out for a week, automatically starts and charges the batteries.



Dual SMA Inverters
Wired in Tandem to
Provide Split Phase
240V AC Power
Auto-Start Generator
Function



Proven and
Trusted Kubota
Generators 7kW+
Prewired with
AutoStart
(optional)



Dual Twist and Lock
240V 50A
Outlets on
50A Breakers



Easy to Adjust
Solar Panel Tilt
Angle Adjustment
to Optimize
Output, Simple Pin
Lock on Either
Side



Internal
110/120V
Standard AC
Plugs (4 plugs)



Extra Heavy Duty
11000 lb Trailer
with Pintle Hitch,
LED lights,
Safety Chains
Trailer Brakes



Top of the Line
MidNite Solar
Charge
Controller and
DC Breaker Box

**** Eligible for 26% Federal Tax Credit!**

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F250 or equivalent truck towable!

TONGUE WEIGHT: 480 LBS
UNIT GVW: 7200 LBS
UNIT GVWR: 11000 LBS
TRANSPORT: 250" L x 85" W x 99" H
DEPLOYED: 250" L x 171" W x 99" H

INVERTER

Rated Output: 12,000W (2x6000W)
Surge Output: 22,000 for 3 sec
16,800 for 1 min
Rated Output Amps: 2x 48A
Phase: Single Phase, 60Hz
Battery Charging Amps: 100A (29A on Genset)
Input/Output Voltage: 220/230/240V 60Hz
MFG: SMA Sunny Island model 6048-US-10
single phase battery inverters
Warranty: 5 years
Optional Generator: Kubota 7kW (AutoStart)

BATTERY

Capacity: 52.8kWhr (31.7kWhr at 60% DOD)
Amp Hours: 1100Ah
Type: 48V Flooded Classic Platinum Tubular
MFG: GNB
Warranty: 5 year

SOLAR

Avg kWh/day: 24 kWhr
Panels: 10 (2 Strings)
Panel Wattage: 405 Watts
Array Wattage: 4050 Watts
MFG: Back40 Solar or Similar
Warranty: 5 years, 20 Year Output

SOLAR CHARGE CONTROLLER

Max Charging Amps: 63A (48V)
MPPT Voltage: 250 VDC
MFG: MidNite Solar Classic 250
Warranty: 5 Years

OTHER

DC Breakers: MidNite PV Combiner
AC Breakers: Homeline Load Center

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