



MS 100 SERIES

This is our most compact trailer-based solar generator. Designed for the small event, jobsite or remote living situation, it's the perfect balance of power and transportability. Light enough to be towed behind most 4 or 6-cylinder vehicles and powerful enough to run 3,500 watt loads, the 100-Series is perfect for users with light to medium power needs where cost and size are a concern.

MS 100

MS 100

.91 kWh solar input/day!
One 175-Watt Solar Panel
9 amps @ 120 volts
Four (6 V) 370 amp-hour batteries
9 kWh battery storage capacity
Pure sine wave.
\$9,350*

MS 125

MS 125

1.82 kWh/day!
Two 175-Watt Solar Panels
30 amps @ 120 volts
Eight (6 V) 370 amp-hour batteries
18 kWh battery storage capacity
Pure sine wave.
\$15,820*

MS 150

MS 150

2.73 to 3.51 kWh/day!
Three 175-Watt Solar Panels
30 amps @ 120 volts
Eight (6 V) 370 amp-hour batteries
18 kWh battery storage capacity
Pure sine wave.
\$17,300*

MS 175

MS 175

3.64 to 4.68 kWh/day!
Four 175-Watt Solar Panels
30 amps @ 120-volts
Eight (6 V) 370 amp-hour batteries
18 kWh battery storage capacity
Pure sine wave.
\$19,650*

Standard Features on all MSP Solar Generators

- Pure sine-wave inverters
- MPPT charge controllers
- High efficiency mono-crystalline solar modules
- Premium lead-acid batteries
- Stainless steel fasteners & aluminum racking
- Flush-mount outlets and inlets on exterior of trailer
- Locking door on cargo trailer



www.mobilesolarpower.net

805 466 1006 sales & tech

*Prices are subject to change, and represent models with Suntech panels



MOBILE SOLAR POWER

MODEL	MS 100	MS 125	MS 150	MS 175
Inverter	XP1100	VFX3524M	VFX3524M	VFX3524M
Surge	2.2 kW	6 kW	6 kW	6 kW
Rated Output	1.1kW	3.5kW	3.5kW	3.5kW
AC Voltage	120 v 60 Hz or 230 v 50 Hz	120 v 60 Hz or 230 v 50 Hz	120 v 60 Hz or 230 v 50 Hz	120 v 60 Hz or 230 v 50 Hz
Efficiency	89%	92%	92%	92%
Rated Amps	9.5A	30A	30A	30A
Pure Sine Wave?	Yes	Yes	Yes	Yes
Manufacturer	Exeltech	Outback	Outback	Outback
Warranty	1 year	2yr std, 5yr opt	2yr std, 5yr opt	2yr std, 5yr opt
Battery	L16 RE-B	L16 RE-B	L16 RE-B	L16 RE-B
Bank in Amp-Hours*	390 AH	780 AH	780 AH	780 AH
Bank Voltage	24VDC	24VDC	24VDC	24VDC
Est. Bank Storage	9.3 kWh	18.7 kWh	18.7 kWh	18.7 kWh
Type	Flooded lead-acid	Flooded lead-acid	Flooded lead-acid	Flooded lead-acid
Manufacturer	Trojan	Trojan	Trojan	Trojan
Warranty	5 years	5 years	5 years	5 years
Solar	Suntech STP-175	Suntech STP-175	Suntech STP-175 or Sanyo HIT-210 N	
±kWh per day**	.91 kWh	1.82 kWh	2.73 or 3.51 kWh	3.64 or 4.68 kWh
Number of Panels	1 monocrystalline	2 monocrystalline	3 monocrystalline	4 monocrystalline
Module Watts Each	175 watts	175 watts	175 or 210 watts	175 or 210 watts
Total Array Watts	175 watts	350 watts	525 or 630 watts	700 or 840 watts
Manufacturer	Suntech	Suntech	Suntech or Sanyo	Suntech or Sanyo
Warranty	25 year ltd.	25 year ltd.	25-year Ltd. or 20-year Ltd.	25-year Ltd. or 20-year Ltd.
Charge Controller	SunSaver MPPT	SunSaver MPPT	Solar Boost 3024i	Solar Boost 3024i
Max Amps DC	15 amps	15 amps	30 amps	30 amps
MPPT?	Yes	Yes	Yes	Yes
Display	RM-1	RM-1	IPN ProRemote	IPN ProRemote
Manufacturer	Morningstar	Morningstar	BlueSky	BlueSky
Warranty	5 years	5 years	2 years	2 years
Cargo Trailer	Wells Cargo Mini-Wagon			
Inner Dimensions	4'x6'	4'x6'	4'x6'	4'x6'
Axles	Single 2,200 lb	Single 2,200 lb	Single 2,200 lb	Single 2,200 lb
Warranty	6 Year Ltd.	6 Year Ltd.	6 Year Ltd.	6 Year Ltd.

As part of our continuous improvement process, specifications are subject to change without prior notice

Five-year Product Workmanship Warranty

*Battery capacity calculated at 20-hour rate **kWh/day calculation based on California Energy Commission values and 6-hours of peak sun. On-site power production will coincide with latitude, local climate and time of year. Values represent the difference between Suntech and Sanyo panels.

AVAILABLE FROM



100

300

200