



MS 300 SERIES

This is our heavy-duty line. With trailers up to 20-feet in length and tandem axles capable of carrying very large battery banks, there is little these units cannot do. Whether you're running large motors, powering a full size home or in need of keeping moderate AC loads on-line 24/7, the 300-Series is for you.

(AC outputs include: 120VAC 60 Hz, 120/240VAC 60 Hz, 240VAC 60 Hz, 120/208VAC 60 Hz, 230VAC 50 Hz, 230/400VAC 50 Hz.)

MS 300

MS 325

MS 350

MS 375

MS 300

10.93 to 14.03 kWh/day!
Twelve 175-Watt Solar Panels
30 amps @ 120 volts
2 (12 V) 1,568 amp-hour batteries
37 kWh battery storage capacity
Pure sine wave.
\$38,450*

MS 350

14.57 to 18.71 kWh/day!
Sixteen 175-Watt Solar Panels
30 amps @ 120 volts
2 (12 V) 1,568 amp-hour batteries
37 kWh battery storage capacity
Pure sine wave.
\$44,850*

MS 325

10.93 to 14.03 kWh/day!
Twelve 175-Watt Solar Panels
60 amps @ 120/240 volts
2 (12 V) 1,568 amp-hour batteries
37 kWh battery storage capacity
Pure sine wave.
\$42,300*

MS 375

14.57 to 18.71 kWh/day!
Sixteen 175-Watt Solar Panels
60 amps @ 120/240 volts
2 (12 V) 1,568 amp-hour batteries
37 kWh battery storage capacity
Pure sine wave.
\$48,850*

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 doors 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 300	MS 325	MS 350	MS 375
Inverter	VFX3524M	VFX3524M (2)	VFX3524M	VFX3524M (2)
Surge	6kW	12kW	6kW	12kW
Rated Output	3.5kW	7kW	3.5kW	7kW
AC Voltage	120 v 60 Hz or 230 v 50 Hz	120/240 v 60 Hz or 230 v 50 Hz	120 v 60 Hz or 230 v 50 Hz	120/240 v 60 Hz or 230 v 50 Hz
Efficiency	92%	92%	92%	92%
Rated Amps	30A	60A	30A	60A
Pure Sine Wave?	Yes	Yes	Yes	Yes
Manufacturer	Outback	Outback	Outback	Outback
Warranty	2yr std, 5yr opt	2yr std, 5yr opt	2yr std, 5yr opt	2yr std, 5yr opt
Battery	Pp-6-85-31	Pp-6-85-31	Pp-6-85-31	Pp-6-85-31
Size in Amp-Hours*	1,568 AH	1,568 AH	1,568 AH	1,568 AH
Bank Voltage	24 VDC	24 VDC	24 VDC	24 VDC
Bank Storage	39.4 kWh	39.4 kWh	39.4 kWh	39.4 kWh
Type	Flooded lead-acid	Flooded lead-acid	Flooded lead-acid	Flooded lead-acid
Manufacturer	IBE	IBE	IBE	IBE
Warranty	8 years	8 years	8 years	8 years
Solar	Modules: Suntech STP-175 or Sanyo HIT-210 N			
±kWh per day**	10.93 or 14.03 kWh	10.93 or 14.03 kWh	14.57 or 18.71 kWh	14.57 or 18.71 kWh
Number of Panels	12 monocrystalline	12 monocrystalline	16 monocrystalline	16 monocrystalline
Module Watts Each	175 or 210 watts	175 or 210 watts	175 or 210 watts	175 or 210 watts
Total Array Watts	2,100 or 2,520 watts	2,100 or 2,520 watts	2,800 or 3,360 watts	2,800 or 3,360 watts
Manufacturer	Suntech or Sanyo	Suntech or Sanyo	Suntech or Sanyo	Suntech or Sanyo
Warranty	25-year Ltd. or 20-year Ltd.	25-year Ltd. or 20-year Ltd.	25-year Ltd. or 20-year Ltd.	25-year Ltd. or 20-year Ltd.
Charge Controller	FM80	FM80	MX60 (2)	MX60 (2)
Max Amps DC	80A	80A	120A	120A
MPPT?	Yes	Yes	Yes	Yes
Display	FlexNET DC	FlexNET DC	FlexNET DC	FlexNET DC
Manufacturer	Outback	Outback	Outback	Outback
Warranty	2 years	2 years	2 years	2 years
Cargo Trailer	Manufacturer: Wells Cargo			
Inner Dimensions	6'x16'	6'x16'	6'x20'	6'x20'
Axles	Tandem 3,500 lb	Tandem 3,500 lb	Tandem 3,500 lb	Tandem 3,500 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