



MS 300

MS 325

MS 350

MS 375



mobilesolarpower.net

805 466 1006 sales & tech



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

Up to 12 kWh/day!
Twelve 170-Watt Solar Panels
30 amps @ 120 volts
2 (12 V) 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$38,450

MS 350

Up to 24 kWh/day!
Sixteen 170-Watt Solar Panels
30 amps @ 120 volts
2 (12 V) 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$44,850

MS 325

Up to 12 kWh/day!
Twelve 170-Watt Solar Panels
60 amps @ 120/240 volts
2 (12 V) 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$42,300

MS 375

Up to 24 kWh/day!
Sixteen 170-Watt Solar Panels
60 amps @ 120/240 volts
2 (12 V) 1,568 amp-hour batteries
37,000 watt-hour 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
- Active ventilation system in battery compartment
- Passive ventilation of trailer

*Prices are subject to change without notification



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 or 230 (+ others)	120/240 or 230 (+ others)	120 or 230 (+ others)	120/240 or 230 (+ others)
Hertz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz
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	1568 AH	1568 AH	1568 AH	1568 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	STP-170	STP-170	STP-170	STP-170
±kWh per day	12.24 kWh	12.24 kWh	16.32 kWh	16.32 kWh
Number of Panels	12 monocrystalline	12 monocrystalline	16 monocrystalline	16 monocrystalline
Module Watts	170 watts	170 watts	170 watts	170 watts
Total Array Watts	2,040 watts	2,040 watts	2,720 watts	2,720 watts
Manufacturer	Suntech	Suntech	Suntech	Suntech
Warranty	25 year ltd.	25 year ltd.	25 year ltd.	25 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				
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
Manufacturer	Wells Cargo	Wells Cargo	Wells Cargo	Wells Cargo

Two-year Product Workmanship Warranty

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

AVAILABLE FROM



100

300

200