



MS 100

MS 125

MS 150

MS 175



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805 466 1006 sales & tech



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

1 170-Watt Solar Module
9 amps @ 120 volts
4 390 amp-hour batteries
9,000 watt-hour capacity
Pure sine wave
\$9,350

MS 125

2 170-Watt Solar Modules
30 amps @ 120 volts
8 390 amp-hour batteries
18,000 watt-hour capacity
Pure sine wave.
\$15,820

MS 150

3 170-Watt Solar Modules
30 amps @ 120 volts
8 390 amp-hour batteries
18,000 watt-hour capacity
Pure sine wave.
\$17,300

MS 175

4 170-Watt Solar Modules
30 amps @ 120-volts
8 390 amp-hour batteries
18,000 watt-hour 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
- Active ventilation system in battery compartment
- Passive ventilation of trailer

*Prices are subject to change without notification



MODEL	MS 100	MS 125	MS 150	MS 175
Inverter	XP1100	VFX3524M	VFX3524M	VFX3524M
AC Surge	2.2kW	6kW	6kW	6kW
AC Continuous	1.1kW	3.5kW	3.5kW	3.5kW
AC Voltage	120 or 230	120 or 230	120 or 230	120 or 230
Hertz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz
Continuous 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-P	L16-P	L16-P	L16-P
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	STP-170	STP-170	STP-170	STP-170
# of Modules	1 monocrystalline	2 monocrystalline	3 monocrystalline	4 monocrystalline
Module Watts	170 watts	170 watts	170 watts	170 watts
Total Array Watts	170 watts	340 watts	510 watts	680 watts
Manufacturer	Suntech	Suntech	Suntech	Suntech
Warranty	25 year ltd.	25 year ltd.	25 year ltd.	25 year ltd.
kWh per day	1.02 kWh	2.04 kWh	3.06 kWh	4.08 kWh
Charge Controller	Solar Boost 3024i	Solar Boost 3024i	Solar Boost 3024i	Solar Boost 3024i
Max Amps DC	30	30	30	30
MPPT?	Yes	Yes	Yes	Yes
Display	IPN ProRemote	IPN ProRemote	IPN ProRemote	IPN ProRemote
Manufacturer	BlueSky	BlueSky	BlueSky	BlueSky
Warranty	2 years	2 years	2 years	2 years
Cargo Trailer	Mini-Wagon	Mini-Wagon	Mini-Wagon	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
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

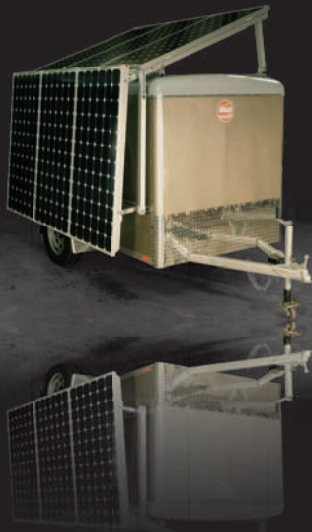
AVAILABLE FROM



100

300

200



MS 200 SERIES

These solar generators are powered off larger solar arrays, and some have the option of 120/240VAC output. The larger 5'x8' or 5'x10' cargo trailer utilized in the 200-Series adds considerable storage space compared to the smaller units. These larger cargos provide increased axle strength, allowing 200-Series generators to hold a heavy-duty battery bank.

MS 200

MS 225

MS 250

MS 275

MS 200

6 170-Watt Solar Modules
30 amps @ 120 volts
Twelve 1,160 amp-hour batteries
27,000 watt-hour capacity
Pure sine wave
\$24,400

MS 250

8 170-Watt Solar Modules
30 amps @ 120 volts
Twelve 1,160 amp-hour batteries
27,000 watt-hour capacity
Pure sine wave
\$28,250

MS 225

6 170-Watt Solar Modules
60 amps @ 120 / 240 volts
Twelve 1,160 amp-hour batteries
27,000 watt-hour capacity
Pure sine wave
\$29,800

MS 275

8 170-Watt Solar Modules
60 amps @ 120 / 240 volts
Twelve 1,160 amp-hour batteries
27,000 watt-hour capacity
Pure sine wave
\$32,650

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 doors on cargo trailer
- Active ventilation system in battery compartment
- Passive ventilation of trailer

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MODEL	MS 200	MS 225	MS 250	MS 275
Inverter	VFX3524M	VFX3524M(2)	VFX3524M	VFX3524M (2)
AC Surge	6kW	12kW	6kW	12kW
AC Continuous	3.5kW	7kW	3.5kW	7kW
AC Voltage	120 or 230	120/240 or 230	120 or 230	120/240 or 230
Hertz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz
Continuous 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-6-85-23	Pp-6-85-23	Pp-6-85-23	Pp-6-85-23
Size in Amp-Hours	1160 AH	1160 AH	1160 AH	1160 AH
Bank Voltage	24 VDC	24 VDC	24 VDC	24 VDC
Bank Storage	27.8 kWh	27.8 kWh	27.8 kWh	27.8 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	6.12 kWh	6.12 kWh	8.16 kWh	8.16 kWh
# of Modules	6 monocrystalline	6 monocrystalline	8 monocrystalline	8 monocrystalline
Module Watts	170 watts	170 watts	170 watts	170 watts
Total Array Watts	1,020 watts	1,020 watts	1,360 watts	1,360 watts
Manufacturer	Suntech	Suntech	Suntech	Suntech
Warranty	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.
Charge Controller	Solar Boost 3024i	Solar Boost 3024i	Outback MX60	Outback MX60
Max Amps DC	30A	30A	60A	60A
MPPT?	Yes	Yes	Yes	Yes
Display	IPN ProRemote	IPN ProRemote	FlexNET DC	FlexNET DC
Manufacturer	BlueSky	BlueSky	Outback	Outback
Warranty	2 years	2 years	2 years	2 years
Cargo Trailer				
Inner Dimensions	5'x8.5'	5'x8.5'	5'x10'	5'x10'
Axles	Single 3,500 lb	Single 3,500 lb	Single 3,500 lb	Single 3,500 lb
Manufacturer	Wells Cargo	Wells Cargo	Wells Cargo	Wells Cargo

Two-year Product Workmanship Warranty

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AVAILABLE FROM



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300

200



MS 300

MS 325

MS 350

MS 375



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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

Twelve 170-Watt Solar Modules
30 amps @ 120 volts
Twelve 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$38,450

MS 325

Twelve 170-Watt Solar Modules
60 amps @ 120/240 volts
Twelve 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$42,300

MS 350

Sixteen 170-Watt Solar Modules
30 amps @ 120 volts
Twelve 1,568 amp-hour batteries
37,000 watt-hour capacity
Pure sine wave.
\$44,850

MS 375

Sixteen 170-Watt Solar Modules
60 amps @ 120/240 volts
Twelve 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

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MODEL	MS 300	MS 325	MS 350	MS 375
Inverter	VFX3524M	VFX3524M (2)	VFX3524M	VFX3524M (2)
AC Surge	6kW	12kW	6kW	12kW
AC Continuous	3.5kW	7kW	3.5kW	7kW
AC Voltage	120 or 230 (+ others)	120/240 or 230 (+ others)	120 or 230 (+ others)	120 or 230 (+ others)
Hertz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz	60 Hz or 50 Hz
Continuous 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
# of Modules	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.
kWh per day	12.24 kWh	12.24 kWh	16.32 kWh	16.32 kWh
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'x17'	6'x17'	6'x21'	6'x21'
Axles	Tandem 3,500 lb	Tandem 3,500 lb	Tandem 3,500 lb	Tandem 3,500 lb
Manufacturer	Morgan Built	Morgan Built	Morgan Built	Morgan Built

Two-year Product Workmanship Warranty

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AVAILABLE FROM



100

300

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