



Mobile Solar Generator MS-275

7.2 kW Inverter

3.1 kW Solar

30 kWh Battery

The Power You Need Wherever You Need it

Features

- 5' x 16' enclosed trailer by LGS Industries
- Rated GVWR: 7,700 pounds
- Side-entry door, double-rear doors
- Smart Battery Meter
- Industrial Steel-Case Lead Acid Battery
- Automatic Watering and Degassing System
- Average Battery Life: 12-15 years
- Generator/Grid input
- Interior Light Package
- 5 year Limited Product Warranty

Options

- SA-Ready Package
- Remote Monitoring System
- Inverter Upgrade
- 3-phase Output
- AGM Battery
- Lithium Battery
- Additional Axle Capacity
- Fuel Injected Inverter Generator
- Custom Interior Work
- Cold Weather Insulation Package
- Hydrogen Monitoring System
- Off-Road High Clearance Package

Deployed



Transport



Side entry door

Additional cargo capacity

The **MS-275** is an expanded version of the MS-225 with a larger battery and solar array.

Designed for off-grid homes, telecom sites and agricultural applications, the MS-275 mobile solar generator is built on a two-axle trailer with a GVWR of 7,700 lbs. Light enough to be towed behind a ¾-ton truck and powerful enough to run rated loads of 7,200 watts, the MS-275 model solar generator also offers significant cargo space – and comes standard with a side entry door.

The MS-275 is one of our best sellers – and for a good reason. With a 30 kilowatt-hour battery and the big inverter system capable of surging to 12kW, this is the unit that brings it all!
...Perfect for off-grid homes, telecom sites and agricultural applications.





Mobile Solar Generators

MS-Series Specifications

The Power You Need... Wherever You Need it



MS-models	MS-150	MS-200	MS-225	MS-275	MS-325	MS-375	
Inverter	Rated Output	3.5kW	3.6kW	7.2kW	7.2kW	7.2kW	7.2kW
	Surge Output	6kW	6kW	12kW	12kW	12kW	12kW
	Output Voltage	120VAC/60Hz Or 230VAC/50Hz	120VAC/60Hz Or 230VAC/50Hz	120/240VAC/60Hz Or 230 VAC/50Hz	120/240VAC/60Hz Or 230 VAC/50Hz	120/240VAC/60Hz Or 230 VAC/50Hz	120/240VAC/60Hz Or 230 VAC/50Hz
	Phase	1-ph	1-ph	1-ph	1-ph (3-ph opt.)	1-ph (3-ph opt.)	1-ph (3-ph opt.)
	Rated Amps (Max)	30 Amp 120V (70 Amp)	30 Amp 120V (70 Amp)	30 Amp 240V (70 Amp)	30 Amp 240V (70 Amp)	30 Amp 240V (70 Amp)	30 Amp 240V (70 Amp)
	Manufacturer	Outback Power	Outback Power	Outback Power	Outback Power	Outback Power	Outback Power
	Warranty	5 year	5 year	5 year	5 year	5 year	5 year

Battery	Capacity	15 kWh	20 kWh	25 kWh	30 kWh	35 kWh	40 kWh
	Amp-hours	627AH @ 24VDC	418 @ 48VDC	523AH @ 48VDC	627AH @ 48VDC	732AH @ 48VDC	836AH @ 48 VDC
	Type	Industrial Lead Acid	Industrial Lead Acid	Industrial Lead Acid	Industrial Lead Acid	Industrial Lead Acid	Industrial Lead Acid
	Manufacturer	IBE	IBE	IBE	IBE	IBE	IBE
	Warranty	7 year	7 year	7 year	7 year	7 year	7 year

Solar	Daily Harvest	6 kWh	12 kWh	12 kWh	18 kWh	24 kWh	32 kWh
	No. of Panels	3	6	6	9	12	16
	Module Watts	335 watts	335 watts	335 watts	335 watts	335 watts	335 watts
	Total Array Watts	1,005 watts	2,010 watts	2,010 watts	3,015 watts	4,020 watts	5,360 watts
	Manufacturer	LG	LG	LG	LG	LG	LG
	Warranty	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.

Charge Controller	Max Amps DC	60A	60A	60A	80A	80A	2 x 60A
	MPPT	Yes	Yes	Yes	Yes	Yes	Yes
	Display	MATE2 (MATE3 opt)	MATE2 (MATE3 opt)	MATE2 (MATE3 opt)	MATE2 (MATE3 opt)	MATE2 (MATE3 opt)	MATE2 (MATE3 opt)
	Manufacturer	Outback Power	Outback Power	Outback Power	Outback Power	Outback Power	Outback Power
	Warranty	5 year	5 year	5 year	5 year	5 year	5 year

Trailer Platform	Inner Dimensions	4' x 6'	5' x 9'	5' x 9'	5' x 16'	5' x 16'	6' x 20'
	Shipping Dimensions (L x W x H)	8' x 5'-6" x 6'-3"	12'-7" x 7' x 8'	12'-7" x 7' x 8'	20'10" x 7' x 9'-3"	20'10" x 7' x 9'-3"	24' x 8' x 9'-3"
	Est. Total Weight	1,800 lbs	2,400 lbs	3,200 lbs	5,000 lbs	5,650 lbs	6,500 lbs
	Total GVWR	3,500 lbs	3,850 lbs	3,850 lbs	7,770 lbs	7,770 lbs	10,000 lb
	Manufacturer	LGS Industries	LGS Industries	LGS Industries	LGS Industries	LGS Industries	LGS Industries
	Warranty	6 year	6 year	6 year	6 year	6 year	6 year

upgrade your MS-model to come SA-Ready



Significantly increase your daily solar harvest by 48kWh with an SA-24!

MOBILE
SOLAR
(805) 466-1006
mobilesolarpower.net