



## Solar Mobile

### MS-275

Model	MS 275
<b>Inverter</b>	
Rated Output	7.2kW
Surge Output	12kW
Output Voltage	120/240VAC 60Hz (230VAC 50 Hz opt.)
Phase	1-ph (3-ph opt.)
Rated Amps (Max)	30A 240V (70 Amp)
Pure Sine Wave?	Yes
Manufacturer	Outback Power
Warranty	5 year
<b>Battery</b>	
Capacity	30 kWh
Amp-Hours	627 AH @ 48VDC
Type	Industrial Lead Acid
Manufacturer	IBE
Warranty	7 year
<b>Solar</b>	
Daily Harvest	13.5 kWh/day
No. & Type of Panels	9 mono-crystal
Module Watts	285 watts
Total Array Watts	2,565 watts
Manufacturer	Suniva (100% USA)
Warranty	25 year Ltd.
<b>Charge Controller</b>	
Max Amps DC	60A
MPPT?	Yes
Display	MATE2 (MATE3 opt.)
Manufacturer	Outback Power Tech.
Warranty	5 year
<b>Trailer Platform</b>	
Inner Dimensions	5'x16'
Shipping Dimensions (L x W x H)	20'-10" x 7' x 9'-3"
Est. Total Weight	5,000 lbs.
Total GVWR	7,770 lbs.
Manufacturer	LGS Industries
Warranty	6 year

•AC Array: 9 x 335-watt LG monocrystalline modules

• Average Daily Energy Harvest: 18kWh  
•Battery Capacity @ 20hr Rate: 627AH @ 48Vdc (30kWh)

- Rated: 2,000 cycles @ 80% DOD
- Inverter Output: 7.2kW rated / 12kW surge
- 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 Batteries
- Lithium Batteries
- Additional Axle Capacity
- On-board Diesel Generator
- Custom Interior Work
- Cold Weather Insulation Package
- Hydrogen Monitoring System
- Off-Road High Clearance Package

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## Options



### SA24

#### Addon an additional Array

- 24 panels rated at 335-watts each
  - Array wattage: 8,040-watts DC
  - Daily Energy Harvest: 48kWh
  - 30-foot trailer



### SA12

#### Addon an additional Array

- 12 panels rated at 335-watts each
  - Array wattage: 4,020-watts DC
  - Daily Energy Harvest: 24kWh
  - 24-foot trailer



### RB 35

#### Addon an additional Storage

- 35kWh battery
- 8kW AC output (16kW surge)
- Two 80Amp Charge Controllers
- Excepts power from 24 solar panels
- Upgradable Charge Controller output



### RB 70

#### Addon an additional Storage

- 70kWh battery
- 16kW AC output (32kW surge)
- Two 80Amp Charge Controllers
- Excepts power from up to 24 solar panels
- Upgradable Inverter and Charge Controller output