



Solar Mobile

MS-375



Model	MS 375
Inverter	
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
Battery	
Capacity	40 kWh
Amp-Hours	836 AH @ 48VDC
Type	Industrial Lead Acid
Manufacturer	IBE
Warranty	7 year
Solar	
Daily Harvest	24 kWh/day
No. & Type of Panel:	16 mono-crystal
Module Watts	265 watts
Total Array Watts	4,560 watts
Manufacturer	Suniva (100% USA)
Warranty	25 year Ltd.
Charge Controller	
Max Amps DC	2 x 60A
MPPT?	Yes
Display	MATE2 (MATE3 opt.)
Manufacturer	Outback Power Tech.
Warranty	5 year
Trailer Platform	
Inner Dimensions	6'x20'
Shipping Dimension: (L x W x H)	24' x 8' x 9'-3"
Est. Total Weight	6,500
Total GVWR	10,000 lbs.
Manufacturer	LGS Industries
Warranty	6 year

•Solar Array: 16 x 335-watt LG monocrystalline modules

• Average Daily Energy Harvest: 32kWh
• Inverter Output: 7.2kW rated / 12kW surge

• 120/240Vac 60Hz single phase

• Battery Capacity @ 20hr Rate: 836AH @ 48Vdc (40kWh)

• Rated: 2,000 cycles @ 80% DOD

• 6' x 20' enclosed trailer by LGS Industries

• Rated GVWR: 10,000 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