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Solar Mobile

MS-200

Model	MS 200
Inverter	
Rated Output	3.6kW
Surge Output	6kW
Output Voltage	120VAC/60Hz or 230VAC/50Hz
Phase	1-ph
Rated Amps (Max)	30 Amp 120V (70 Amp)
Pure Sine Wave?	Yes
Manufacturer	Outback Power
Warranty	5 year
Battery	
Capacity	20 kWh
Amp-Hours	418AH @ 48VDC
Type	Industrial Lead Acid
Manufacturer	IBE
Warranty	7 year
Solar	
Daily Harvest	9 kWh/day
No. & Type of Panels	6 mono-crystal
Module Watts	285 watts
Total Array Watts	1,710 watts
Manufacturer	Suniva (100% USA)
Warranty	25 year Ltd.
Charge Controller	
Max Amps DC	60A
MPPT?	Yes
Display	MATE2 (MATE3 opt.)
Manufacturer	Outback Power Tech.
Warranty	5 year
Trailer Platform	
Inner Dimensions	5'x9'
Shipping Dimensions (L x W x H)	12'-7" x 7' x 8"
Est. Total Weight	2,400
Total GVWR	3,850 lbs.
Manufacturer	LGS Industries
Warranty	6 year

- Solar Array: 6 x 335-watt LG monocrystal-line modules
- Average Daily Energy Harvest: 12 kWh
- Inverter Output: 3.6 kW rated / 6kW surge
- 120Vac 60Hz single phase
- Battery Capacity @ 20hr Rate: 418AH @ 48Vdc (20kWh)
- Rated: 2,000 cycles @ 80% DOD
- 5' x 9' enclosed trailer by LGS Industries
- Rated GVWR: 3,850 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
 - Remote Monitoring System
 - Inverter Upgrade
 - 120/240 Vac Output
 - AGM Batteries
 - Lithium Batteries
 - Additional Axle Capacity
 - On-board Diesel Generator
 - Custom Interior Work
 - Cold Weather Insulation Package





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
- Expects 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
- Expects power from up to 24 solar panels
- Upgradable Inverter and Charge Controller output