



Sustainable Tech Inc

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Model	MS 150
Inverter	
Rated Output	3.5kW
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	15 kWh
Amp-Hours	627AH @ 24VDC
Type	Industrial Lead Acid
Manufacturer	IBE
Warranty	7 year
Solar	
Daily Harvest	4.5 kWh/day
No. & Type of Panels	3 mono-crystal
Module Watts	285 watts
Total Array Watts	855 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	4'x6' (3'x5" opt.)
Shipping Dimensions (L x W x H)	8' x 5'-6" x 6'-3"
Est. Total Weight	1,800
Total GVWR	3,500 lbs.
Manufacturer	LGS Industries
Warranty	6 year

Solar Mobile

MS-150

- Solar Array: 3 x 335-watt LG monocrystal-line modules
- Average Daily Energy Harvest: 6kWh
- Inverter Output: 3.5kW rated / 6kW surge 120Vac 60Hz single phase
- Battery Capacity @ 20hr Rate: 627AH @ 24Vdc (15kWh)
 - Rated: 2,000 cycles @ 80% DOD
 - 4' x 6' enclosed trailer by LGS Industries
 - Rated GVWR: 3,850 pounds
 - Rear Door
 - Smart Battery Meter
 - Industrial Steel-Case Lead Acid Battery
 - Automatic Watering and Degassing System
 - Average Battery Life: 12-15 years
 - Generator/Grid input
- Options
 - Remote Monitoring System
 - Inverter Upgrade 16kw, 32kw
 - 120/240 Vac Output
 - AGM Batteries
 - Lithium Batteries
 - Additional Axle Capacity
 - Custom Interior Work
 - Cold Weather Insulation Package
 - Hydrogen Monitoring System
 - Off-Road High Clearance 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