



**MOBILE
SOLAR**

(805) 466-1006

MOBILESOLARPOWER.NET

These power supplies are the perfect choice for construction sites, mobile office trailers, off-grid buildings, and many other commercial applications.

Our MS-Series models come with substantial battery capacities and inverter outputs – and with optional backup generators programmed for automatic start and stop. Multiple AC and DC inputs (and outputs) allow the system to be coupled with multiple power supplies and loads.



1. REMOTE MONITORING AND 2 WAY CELLULAR DATA

2. ELECTRICAL INTERFACE PANEL

- Multiple Inlets/Outlets for any application.
- 1 x 20A 120V duplex outlet
- 1 x 30A 120/240V twist-lock outlet
- 2 x 50A 120/240V twist-lock outlet
- 1 x 50A 120/240V shore power inlet
- Rubber pass-through for main lug in/out power
- Optional Aux Solar Input

3. AUTO-START BACK-UP GENERATOR WITH 30 GAL TANK

4. 6,000 LB INDUSTRIAL STEEL CASE BATTERY

5. TANDEM 5000LB AXLES (10,000 LB GVWR)

6. ADJUSTABLE-HEIGHT BALL COUPLER OR PINTLE HITCH

7. SLIDE OUT GENERATOR ACCESS CAGE WITH LOCK

8. PUSH-BUTTON SOLAR PANEL DEPLOYMENT

9. 23 FOOT MAST (LIGHTS, CAMERA, ETC.)

10. HIGH EFFICIENCY MONO-CRYSTAL SOLAR PANELS



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CALL US FOR A QUOTE



MS-SERIES

MOBILE SOLAR GENERATORS



MS-200

MS-225

MS-415

MS-422

MS-425

MS-432

POWER OUTPUT

Rated Power	3.5 kW	8 kW	8 kW	8 kW	16 kW	16 kW
Instantaneous Power	6 kW	16.97 kW	16.97 kW	16.97 kW	33.94 kW	33.94 kW
Output Voltage	120VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph
Rated Amps (Instantaneous Amps)	29.2A (50A)	33.3A (70.7A)	33.3A (70.7A)	33.3A (70.7A)	66.6A (141.4A)	66.6A (141.4A)
Manufacturer (Model Series)	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)
Warranty	5 year	5 year	5 year	5 year	5 year	5 year

BATTERY

Energy Capacity @ 20hr. Rate	20 kWh	30 kWh	40 kWh	50 kWh	60 kWh	70 kWh
Amp-Hour Capacity @ 20hr. Rate	418AH @ 48VDC	627AH @ 48VDC	836AH @ 48VDC	1,046AH @ 48VDC	1,255AH @ 48VDC	1,464AH @ 48VDC
Usable Energy Capacity (80% DOD)	16 kWh	24 kWh	32 kWh	40 kWh	48 kWh	56 kWh
Type and Chemistry	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA
Manufacturer	IBE	IBE	IBE	IBE	IBE	IBE
Warranty	7 year	7 year	7 year	7 year	7 year	7 year

SOLAR

Max Daily Energy Harvest	16 kWh/day	16 kWh/day	21 kWh/day	21 kWh/day	21 kWh/day	31 kWh/day
Average Sunny Day Harvest	12 kWh/day	12 kWh/day	16 kWh/day	16 kWh/day	16 kWh/day	24 kWh/day
Qty and Wattage of solar panels*	6 x 380 watt	6 x 380 watt	8 x 380 watt	8 x 380 watt	8 x 380 watt	12 x 380 watt
Total Array Watts*	2,280 watts	2,280 watts	3,040 watts	3,040 watts	3,040 watts	4,560 watts
Manufacturer and Type*	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal
Push-button solar deployment	Optional	Optional	Optional	Optional	Optional	Optional
Auxiliary Solar Input Capable	Optional	Optional	Optional	Optional	Optional	Optional
Warranty	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.

OPTIONAL GENERATOR

Commercial / Industrial Option	Gasoline / Diesel	Gasoline / Diesel	n/a	Gasoline / Diesel	Gasoline / Diesel	Gasoline / Diesel
Manufacturer / Industrial Option	Honda / A.I.E.	Honda / A.I.E.	n/a	Honda / A.I.E.	Honda / A.I.E.	Honda / A.I.E.
Model / Industrial Option	EU7000iS / Kubota D1105	EU7000iS / Kubota D1105	n/a	EU7000iS / Kubota D1105	EU7000iS / Kubota D1105	EU7000iS / Kubota D1105
Peak Output / Industrial Option	7 kW / 11.5 kW	7 kW / 11.5 kW	n/a	7 kW / 11.5 kW	7 kW / 11.5 kW	7 kW / 11.5 kW
Rated Output / Industrial Option	5.5 kW / 10 kW	5.5 kW / 10 kW	n/a	5.5 kW / 10 kW	5.5 kW / 10 kW	5.5 kW / 10 kW
Fuel Capacity	30 gallons	30 gallons	n/a	30 gallons	30 gallons	30 gallons
Warranty / Industrial Option	3 year / 2 year	3 year / 2 year	n/a	3 year / 2 year	3 year / 2 year	3 year / 2 year

EXTERIOR OUTLETS & INLETS

120V outlets	1 x 20Amp	1 x 20Amp	2 x 20Amp	2 x 20Amp	2 x 20Amp	2 x 20Amp
120/240V outlets	n/a	1 x 50A	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A
Inlet for shore power or grid	30A 120V	50A 240V	50A 240V	50A 240V	50A 240V	50A 240V
Main Lug Bussing	n/a	n/a	1 x Main In & 1 x Main Out	1 x Main In & 1 x Main Out	1 x Main In & 1 x Main Out	1 x Main In & 1 x Main Out
Auxiliary Solar Input	Optional	Optional	Optional	Optional	Optional	Optional
Warranty	7 year	7 year	7 year	7 year	7 year	7 year

TRAILER PLATFORM

Nominal Dimensions (W x L)	5' x 9'	5' x 9'	5' x 9'	5' x 9'	5' x 9'	5' x 16'
Total GVWR	3,500 lbs	5,000 lbs	5,000 lbs	9,990 lbs	9,990 lbs	9,990 lbs
Dimensions, Towing (W x L x H)	7' x 14'-3" x 9'	7' x 14'-3" x 9'	7' x 14'-3" x 9'-7"	7' x 14'-3" x 9'-7"	7' x 14'-3" x 9'-7"	7' x 21' x 9'-7"
Dimensions, Fully Deployed	9' x 14'-3" x 10'	9' x 14'-3" x 10'	12' x 14'-3" x 13'-8"	12' x 14'-3" x 13'-8"	12' x 14'-3" x 13'-8"	12' x 21' x 13'-8"
Approximate Curb Weight*	3,100 lbs	4,500 lbs	5,400 lbs	7,500 lbs	8,500 lbs	9,500 lbs
Manufacturer	Look Trailers	Look Trailers	Look Trailers	Look Trailers	Look Trailers	Look Trailers
Warranty	3 year	3 year	3 year	3 year	3 year	3 year

* Subject to Market Availability

