



MS-400 SERIES

MOBILE SOLAR GENERATORS



14 FT 3IN



14 FT 3IN



21 FT



24 FT

	MS-422	MS-425	MS-432	MS-437
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INVERTER				
Rated Power	8 kW	16 kW	16 kW	24 kW
Instantaneous Power	16.97 kW	33.94 kW	33.94 kW	50.91 kW
Output Voltage	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph	120/240VAC 60Hz 1-ph
Rated Amps (Instantaneous Amps)	33.3A (70.7A)	66.6A (141.4A)	66.6A (141.4A)	99.9A (212.1A)
Manufacturer	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)	Outback Power (Radian)
Warranty	5 year	5 year	5 year	5 year

BATTERY				
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Energy Capacity @ 20hr. Rate	60 kWh	60 kWh	70 kWh	80 kWh
Amp-Hour Capacity @ 20hr. Rate	1,255AH @ 48VDC	1,255AH @ 48VDC	1,464AH @ 48VDC	1,673AH @ 48VDC
Usable Energy Capacity (80% DOD)	48 kWh	48 kWh	56 kWh	64 kWh
Type and Chemistry	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA	Industrial Steel-Case FLA
Manufacturer	IBE	IBE	IBE	IBE
Warranty	7 year	7 year	7 year	7 year

SOLAR				
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Max Daily Energy Harvest	20 kWh/day	20 kWh/day	30 kWh/day	40 kWh/day
Average Sunny Day Harvest	16 kWh/day	16 kWh/day	24 kWh/day	32 kWh/day
Qty and Wattage of solar panels	8 x 350 watt	8 x 350 watt	12 x 350 watt	16 x 350 watt
Total Array Watts	2,800 W	2,800 W	4,200 W	5,600 W
Manufacturer and Type	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal	LG Neon mono-crystal
Push-button solar deployment	Yes	Yes	Yes	Yes
Auxiliary Solar Input Capable	Yes, with upgrade	Yes, with upgrade	Yes, with upgrade	Yes, with upgrade
Warranty	25 year Ltd.	25 year Ltd.	25 year Ltd.	25 year Ltd.

OPTIONAL GENERATOR				
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Manufacturer	Honda	Honda	Kubota	Kubota
Model	EU7000iS	EU7000iS	Desert Storm by AIE	Desert Storm AIE
Peak Output	7 kW	7 kW	11.5 kW	11.5kW
Rated Output	5.5 kW	5.5 kW	10 kW	10 kW
Fuel	Gasoline	Gasoline	Diesel	Diesel
Auxiliary Fuel Tank	30 gallons	30 gallons	35 gallons	35 gallons
Warranty	3 year	3 year	2 year	2 year

INLETS & OUTLETS				
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120V outlets	2 x 20Amp	2 x 20Amp	2 x 20Amp	2 x 20Amp
120/240V outlets	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A	1 x 30A & 2 x 50A
120/240V inlet (shore power)	1 x 50A	1 x 50A	1 x 50A	1 x 50A
Main Lug Bussing	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

TRAILER PLATFORM				
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Inner Dimensions (W x L)	5' x 9'	5' x 9'	5' x 16'	6' x 20'
Dimensions, Towing (W x L x H)	7' x 14'-3" x 9'-7"	7' x 14'-3" x 9'-7"	7' x 21' x 9'-7"	8' x 24' x 9'-7"
Dimensions, Fully Deployed	12' x 14'-3" x 13'-8"	12' x 14'-3" x 13'-8"	12' x 21' x 13'-8"	12' x 24' x 13'-8"
Approximate Curb Weight	7,500 lbs	7,500 lbs	8,750 lbs	9,500 lbs
Total GVWR	10,000 lbs	10,000 lbs	10,000 lbs	10,000 lbs
Manufacturer	LGS Industries	LGS Industries	LGS Industries	LGS Industries
Warranty	3 year	3 year	3 year	3 year

