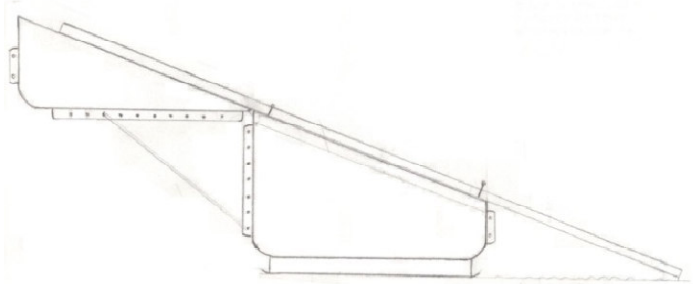




Proudly Announces:

SOLA-GEN

The most rugged solar generator on Earth



This compact, rugged container-based solar generator turns sunlight into pure sinewave electricity without producing emissions or making noise.

It is designed to fit in between the wheel wells of a full-size American truck, stack on top of another unit and fit side-by-side in a sea container. It can be towed down the road on a small trailer dolly, drug through the dirt on skids and deployed by one person in a matter of seconds.

When exposed to the sun, its high-efficiency Sanyo solar panels and MPPT charge controller combine to create one of the world's most efficient battery charging systems. When closed and locked, its impact-resistant outer shell becomes a barrier that protects its glass panels and electrical components from theft, weather and the hazards of transport.

Standard Features:

- Forklifts into a full-size pickup truck bed
- Deploys while in most trucks
- Weather resistant, impact resistant
- Stackable (two-high in a container)
- Fiber-glass shell with UV-resistant Gel Coat
- Lockable / Rugged exterior
- Cage: welded, aircraft-quality 6061 aluminum
- Freight friendly – 32 to a 40-foot container
- Made in the U.S.A.

Upgrades:

- Array expansion kit (up to nine 200-watt panels with standard 60-amp controller)
- 80-AMP Controller -- up to (13) 200-watt panels
- Battery Meter with smart-shunt technology
- Carbon fiber or Kevlar outer layer
- Custom colors

Optional Accessories:

- Tow Chassis
- Drag package (skids and shackles)
- Float package (aluminum pontoons)
- Tracking system (coming in 2009)
- Junction box (15A, 20A & 30A outlets/breakers)
- Power cord (50-foot, 10-AWG w/ twist-lock)
- 6-inch inflatable casters for easy moving
- Structural Certifications available upon request

Prices (USD):

- SG-200i** – \$24,520
- SG-400i** – \$25,550
- SG-600i** – \$26,920
- SG-600i MAX*** – \$27,450

Array Expansion Kits:

- 6-Panel:** \$8,400 / **10-Panel:** \$14,000

**MAX models are array expandable to 2,600-watts of solar input. Non-MAX are expandable to 1,800-watts of solar input.*

Domestic 60Hz

Model	SG-200	SG-400	SG-600	SG-600 MAX
Inverter				
AC Surge	2.2kW		6kW	
AC Rated (@ 25°C)	1.1kW		3.5kW	
Rated Amps	9.2A		30A	
Volts / Hertz	120VAC / 60 Hz			
Type	Pure Sinewave (non-mobile)		Pure Sinewave (Mobile)	
Operating Temp	302°F (105°C) shutdown		140°F shutdown (60°C) ...derate output 1% per °C above 25°C	
Warranty	1 year		2yr std, 5yr opt	
Battery				
Amp-Hours	258 AH		516 AH	
Voltage	24VDC		24VDC	
Storage	~6 kWh		~12 kWh	
Type	AGM			
Operating Temp	-40 to 162 °F (-40 to 72°C)			
Warranty	18 month			
Solar				
Watts	200W	400W	600W	600 to 2,600W
kWh per day	~1.25 kWh/day	~2.50 kWh/day	~3.75 kWh/day	~3.75 to 16.25 kWh/day
Array expandable to:	1800w (9 modules)			2600w (13 modules)
Type	Heterojunction with intrinsic thin layer (HIT)			
Operating Temp	-4 to 115°F (-20 to 46°C) ...monthly average low and high			
Warranty	20 year ltd.			
Charge Controller				
Rated DC Amps	60a		80a	
Display	Yes			
Type	Maximum Power Point Tracking (MPPT)			
Operating Temp	-40 to 140°F (-40 to 60°C)			
Warranty	2 years			
Container				
(HxWxL)	42"x44"x56" (101 x 111 x 142 cm)			
Weight	~700 lbs.	~1,100 lbs.		
Manufacturer	Mobile Solar Power			
Model	SG-3			
Warranty	5 year			

Five-year warranty on assembly.

Please contact sales@mobilesolarpower.net or visit us online for more information: www.mobilesolarpower.net
 Specifications subject to change without notice. Array-expansion kits & accessories sold separately.

Mobile Solar Power

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