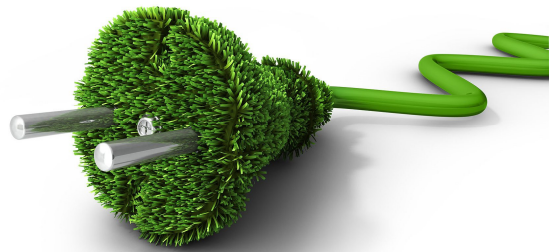




Portable Solar Powered Generator **Critical Power for Critical Situations**



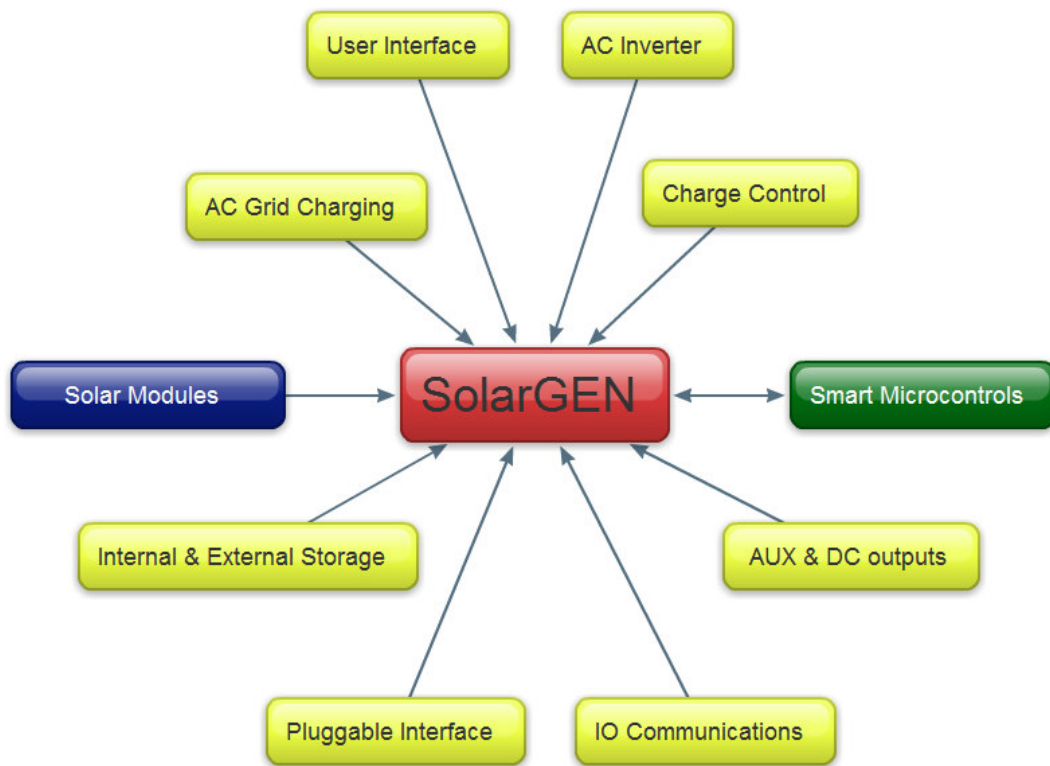
SolarGEN SG Series Portable Solar Powered Generators



- 2000 WATTS POWER CONSUMPTION MAXIMUM LOAD •
 - 1200 WATTS SOLAR MODULE CAPACITY •
 - ROBUST DESIGN AND PORTABLE •
 - OVERLOAD PROTECTION •
- INTEGRATED TECHNOLOGY IN ONE BOX •
- LCD SCREEN WITH INFORMATION STATUS AND POWER •
 - LED INDICATORS FOR STATE OF CHARGE •
 - INTERCONNECTION CAPACITY TO MAINS •
 - PURE SINE WAVE GENERATION •
- 1 YEAR WARRANTY •
 - QUIET OPERATION AND POLLUTION FREE •
 - EASY START OPERATION (PLUG AND PLAY) •
 - PERFECT SOLUTION FOR ENERGY DISASTERS •
 - SEVERAL USES IN MILITARY APPLICATIONS •

THE SOLARGEN CAN POWER A VARIETY OF EQUIPMENT

- Computers • Telephones • Power Tools • Fans • Flashlights •
- Street lights • Telecommunications • Medical Devices • Surveillance Cameras •
- Refrigerators Freezers • Small Heaters • Mobile Phones •
- Water Pumps • Water Filters • Radio Repeaters •



TECHNICAL SPECIFICATIONS

SolarGEN SG Series	
Output VAC	: 120/240 VAC international connectors pure sine wave 50 / 60Hz
Certifications	: 120/240 VAC output circuit board TL9000 certification, UL1950 with burn-in tests
Output VDC	: 12/24 VDC @ 20 amps; 200 amps for car starting and use of a vehicle to charge the Solargen
Circuit Protection	: High quality waterproof, DC and AC circuit protection switches IP67 waterproof
Auto Switching	: On / Off switch in order to avoid standby power when not in use
Maximum output power	: 2000 Watts of continuous power
Peak Output Capacity	: 4000 Watts starting power
Solar Panels	: 600 Watts recommended minimum input, input up to 3,600 Watts max. with external capacity
Types of Solar Panels	: Monocrystalline, polycrystalline and high-voltage thin-film modules
Solar Charging	: High efficiency MPPT maximum power point tracking technology; 97.5-99.5% efficiency
Accessories	: USB and lighters; outer box auxiliary power for charging multiple devices Battery Capacity: Up to 150Ah internal storage, up 1200Ah capacity external storage
Battery Capacity	: Up to 150Ah internal storage, up 1200Ah capacity external storage
Replacement Batteries	: Removable battery door, connectors "plug and play" battery for easy replacement
Output (Wh/day)	: 4,700 watt-hours per day; 2130 kWh per day with XLBPs
Transportable	: Designed for maximum portability, minimum weight with handles and castors
Structure	: Steel with high quality water resistant to scratches and corrosion finish
Front Panel	: LCD / LED display with status indicators, charge indicator and operating modes
Grid Connection	: UPS functionality, balance battery, ready for immediate deployment and prolonged storage device
Operating Temperature	: Operating in all climatic zones: -20 ° C to + 50 ° C; more efficient operation + 5 ° C to + 35 ° C
Cooling	: Internal heat sink and forced air cooling for heavy use and harsh environments
Warnings	: Warning sound to indicate low battery and start automatic shutdown to prevent deep battery discharge
Military	: Molded circuit board sandy, wet and dramatic environments
Altitude	: Better performance than diesel in altitude and low oxygen conditions generators, no engine start needed
Cables	: Includes a 12 foot water and UV resistant solar panel connection cable and AC connection cable
Warranty	: 1 year parts and labor, 1 year battery, solar modules 25 and 10 years performance
Dimensions	: 19x19x19in (48.3 x 48.3 x 48.3cm); 83kg weight with internal batteries
Manufactured	: Helios Electric LLC; design, fabricated and assembled in the United States
Customer Options	: Customizable options and based on customer needs and volume settings
Industry	: Commercial back up, disaster relief, energy in remote locations, telecommunications, medical, military, etc.

QUICK AND EASY INSTALLATION
QUICK SETUP
NO TOXIC FUMES
NO OIL CHANGES
NO FUEL TO TRANSPORT OR STORE
20 OR MORE YEARS LIFE ON SOLAR PANELS
OPERATE IN HIGH ALTITUDES

“Helios Electric, the leading manufacturer of solar generators to supply pollution-free energy”