

# PORTABABLE SOLAR GENERATOR

## Features:

- Lightweight and ultra-portable.
- Uses lithium battery, which offer light weight, high density energy storage and long service life.
- AC output which makes it compatible with 100~240 voltage appliances, and able to power various small AC electrical equipment.
- The unit can be recharged by solar power or AC power when available.

| Model number:     | SolGen-20W                             | SolGen-50W   |
|-------------------|--|--|
| Main material:    | ABS case;                              | ABS case;  |
| Solar panel:      | Monocrystalline 18V 20W;               | Monocrystalline 18V 50W;                                 |
| Battery:          | Lithium polymer battery 12V 16Ah;      | Lithium polymer battery 12V 48Ah, optional for 12V 32Ah; |
| Charging time:    | By sunshine:11-12 hrs; AC Power 5 hrs. | By sunshine:16-18 hrs; AC Power 7 hrs.                   |
| Working time:     | More than 30hours for lighting;        | More than 100hours for lighting;                         |
| LED:              | 3W super bright lamp;                  | 3W super bright lamp;                                    |
| Output:           | 100Vac-240Vac;                         | 100Vac-240Vac;   |
| AC function:      | 150W pure sine wave inverter;          | 150W~350W pure sine wave inverter;                       |
| Product size:     | 400 X 310 X 105mm;                     | 442 X 345 X 145mm;                                       |
| Package size:     | 435 X 370 X 145 mm/piece;              | 472 X 375 X165 mm/piece;                                 |
| Net/Gross weight: | 5.4 kg/6.4kg;                          | 8.9kg /9.5kg;  |



SolGen Portable Generator uses light rugged materials for exterior packaging and utilize High-efficiency monocrystalline solar panels with energy conversion efficiency 16% to18%.

The unit can be ordered with Solar Panel: 18V 20W or 18V 50 W with extra battery capacity up to 12v 32 Ah. The unit can be recharged in less than three hours with optional external solar panel.



**GLOREN ENERGY LLC**

15445 Redhill Ave. Suites A/B  
Tustin, California 92780

WWW.GLORENENERGY.COM

## ADDITIONAL PRODUCTS:

**SolGen1:** Container-based renewable energy system designed to function in both on-grid and off-grid applications and can produce up to 10kW of solar energy on an 8 ft x 20 ft footprint with battery backup sized to suit



**SolGen Mini:** Renewable energy system built on a standard military or commercial trailer and can produce up to 1kW of solar energy.



**Combined Power & Water Desalination unit:** Container-based renewable energy system capable of producing up to 10kW of solar energy and 10,000 GPD of potable water on an 8 ft x 40 ft footprint with battery backup sized to suit.



# *Gloren Energy*



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WWW.GLORENENERGY.COM  
E-mail: info@glorenenergy.com

***Gloren Energy LLC***

15445 Redhill Avenue Suites A/B  
Tustin, California 92780  
Phone: 855-5GLOREN

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