

CELLER

Portable Solar Power Generators



Description:

A solar generator can technically refer to a solar solution that combines a portable power station with solar panels. It converts sun energy captured by solar panels into electrical power and then stores it in a portable power station for later use. A solar generator is a reliable and clean power source for campers, RVs, or as an emergency backup if your power goes out.

How can CELLER Portable Solar power Generators work:

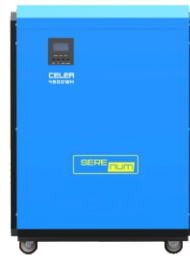
- 1- Collect solar energy by placing the solar panels in direct sunlight.
- 2- Stores power in a High quality Gel battery from a solar panel and releases stored energy.
- 3- Power a wide variety of devices and appliances by releasing stored energy or power it directly from the solar panels in case of full charged batteries



Product Description

- ✓ Professional designs for home and business uses.
- ✓ Store power in battery, system can be used when public utility grid stops.
- ✓ Cost effective and sustainable system
- ✓ Only use clear and sustainable sun energy.
- ✓ Easy Installation
- ✓ Innovative rails which only need a single hexagon key and standard tool kit to finish simple installation of PV modules.
- ✓ Convenient Transportation
- ✓ With modules, batteries, structures, cables, inverters and even screws packed in one integrated package.
- ✓ High efficiency and Stability
- ✓ Innovative engineered to assure high efficiency and stability.
- ✓ Compatibility
- ✓ Universal racking system designed to meet international machinery load standard.
- ✓ Longevity
- ✓ High quality aluminum alloy structures guarantee maximum possible lifespan and could be completely recyclable.
- ✓ Intelligent control interface
- ✓ Intelligent control interface designed for simple use and cooperation

Product selection Guide:



Model	CELLER 2400Wh	CELLER 4800Wh	CELLER 9600
Solar Panels Array	Peak power 415Wp (1x415Wp)	Peak power 830Wp (2x415Wp)	Peak power 2075Wp (5x415Wp)
Charge controller (MPPT)	12VDC/40A	24VDC/25A	48VDC/80A
Lead Acid Batteries Bank	2400Wh @C10, 2000 cycle @ DoD 50%	4800Wh @C10, 2000 cycle @ DoD 50%	9600Wh @C10, 2000 cycle @ DoD 50%
Output voltage	220Vac +/- 10%		
Protection	1- Input / output AC current protection 2- Input / output voltage protection 3- Over temperature protection. 4- DC current protection.		
Charging source	AC source (Utility or Generator) and Solar Panels		
Surge power	2000 VA	6000VA	10000 VA
Transfer Time	10ms for Personal computer, 20ms for home application		
Maximum Output power	300 WH for 8 hours	600Wh for 8 Hours	1200 Wh for 8 Hours

