

KEY FEATURES

- 4.5 kW Manually retractable solar array
- 12 kW Integrated backup diesel generator
- 19 kWh Energy Cell
- Split-phase output 120/240 V @ 50A
- Remote monitor fuel levels, power consumption

DETAILS

The 123eSolar 123-STG-4 All-In-One Tri-Brid Smart Solar Power Generator is a cutting-edge, compact, and towable industrial system designed for off-grid applications. Featuring a built-in 12kW diesel generator, a 10-panel retractable 4.5kW solar array, and a 19kWh energy cell, this versatile power solution offers reliable and efficient performance. Capable of powering loads up to 6kW continuously, with a peak output of 12kW, it ensures a steady power supply for demanding environments. Ideal for remote job sites, emergency backup, outdoor events, or disaster recovery, the 123-STG-4 provides a self-sufficient, sustainable power source wherever needed.



TECHNICAL SPECIFICATIONS

Smart Power Cell

Max Load (kW)	12kW
Max AC Load AMP's	50 A
Voltage	120/240
Phase	Single
Energy Storage (kWh)	19
AC Connection OUT Female	Cam-Lock 16

Solar

Solar Array kW	4.6 kW
Solar Panel No.	10
Array Tilt	Hydraulic

Diesel Backup

Generator Max Power (kW)	12kW
Fuel Tank Capacity (Gal)	90
Fuel Type	Diesel
Fuel Consumption (Gal Per/HR)	1.21@ 100%
Sound dB	69
Tier 4 Final	Yes

Mechanical

Trailer L x W x H (ft)	12 x 7.3 x 6.8
Trailer Weight (lbs.)	3800
Solar Array Surface Area (ft)	20 x 20