

# SOLGEN ALPHA

SolGen Alpha is a solar generator that produce clean and reliable electricity and is deployed form an ISO container for use by military services in various theaters of operations, by disaster relief organizations and by other industries requiring rugged mobile solar generator that is quick to deploy, easy to use and maintain.

## FEATURES:

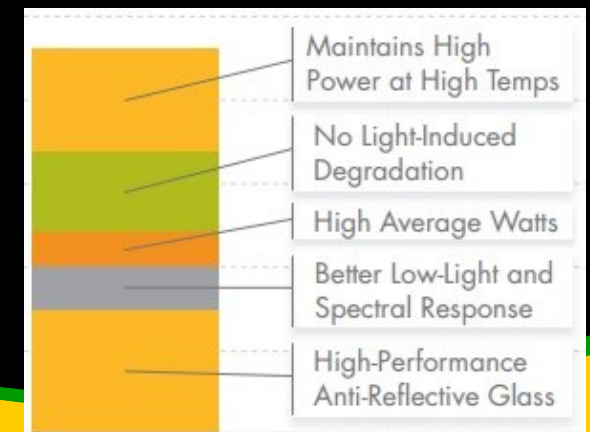
- Electrical energy output range from 3000 watts to 10,000 watts per ISO Container, Intended for application where maximum energy production is critical.
- Utilize proven technologies and best of breed components; and is designed to perform in demanding conditions of high temperatures, low light, shading and small ballistic damage and remain operational with minimal power reduction
- Capable of one axis tilting to better match sun angle and increase energy production and it use panels with over 21% efficiency which means more power in smaller space with fewer panels
- Designed to provide energy storage capacity between 5 kWh to 30 kWh with a choice of VRLA or Lithium-Ion batteries
- Designed to deliver consistent, trouble-free energy over a guaranteed very long lifetime of over 25 years with unmatched reliability and dependability.
- Modular by design and can be easily scalable to meet higher power demands. Build and customized to order

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SolGen Alpha is rugged containerized generator that uses high performance and excellent reliability monocrystalline modules that capture more than 21% of sunlight power and convert it to electricity.



## ADDITIONAL PRODUCTS:

**SolGen20/50** are rugged portable generators that use light ABS plastic for exterior packaging, high-efficiency monocrystalline solar panels and lithium batteries for high density energy storage.



**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.



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## *Gloren Energy*



*Renewable Power for Life*

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