

# SESAME SOLAR

TURNKEY NANOGRIDS. SOLUTIONS INSIDE.

## Nanogrid Telecommunications & Broadband Solution

Energy-Independent | Ready-to-Use in 15 minutes | Minimal Training & Maintenance | Made in USA

PURE MICHIGAN®



Sesame Solar Nanogrids Solutions are built upon ISO containers or a Dual Axle Trailer platform, which we transform into our patent-pending Sesame Solar Nanogrids. The interior of the Sesame Solar Nanogrids can be custom configured for an office and/or storage space to meet your business requirements and each solution is system-sized according to the power requirements of the integrated systems, ranging from 10 kWh to 53 kWh of Solar Power.

## Benefits

- Mobile, Turnkey Solutions are available anytime, anywhere.
- Energy Independent Solutions for Telecommunications and Broadband
- Sesame's fully-integrated, turnkey solutions are shipped ready-to-use, and can be set-up by one person in less than 15 minutes.
- Minimal training and maintenance required.
- Easily transported by train, ship, plane, heavy-lift helicopter, towed on a flatbed trailer or by a truck



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### Nanogrid Telecommunications and Broadband Solution on ISO Shipping Container form factor



Nanogrid Solutions with 90 sq. Ft of floor space that can serve as Mobile Disaster Command Centers or can be customized to your needs. Many built-in options available such as counter height desks, individual workstations, file cabinets, shelving, pegboard, multiple entrances, air conditioning and export power for telecommunication and broadband equipment. The Nanogrids can be towed on flatbed trailer using a pickup truck.

#### Technical Specifications

Model No		OGP 26.5	OGP 34	OGP 41.5	OGP 53
Solar Array Power	kW	4	5.1	6.5	7.5
Total Battery Storage	kWh	26.6	34.2	41.8	53.2
Inverter Rating – 110/220 VAC	kW	4	6	8	8
Closed Dimensions	Ft.	20 x 8	20 x 8	20 x 8	20 x 8
Nanogrid Height	Ft.	8	8	8	8
Available Area Inside	Sq. Ft	90	90	90	90
Weight of the Nanogrid	Lbs.	6,500	7,500	8,500	9,500
Form Factor		Standard ISO Container			
Standard Shipping		Truck, Train, Ship, Cargo Plane, Helicopter or towed on a flatbed trailer			
Installation		Fully configured < 15 minutes			



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### Nanogrid Telecommunications and Broadband Solution on Dual Axle Trailer form factor



Nanogrid solutions serve can Disaster Response and Communications or can be customized to your needs. Many built options available such as Workbenches on the outside with multiple device charging ports, weatherproof speakers, outdoor LED lighting, TV mounts, export power for telecommunication and broadband equipment and 50 sq. Ft of open warehouse space inside to store supplies. The Nanogrids can be towed using a pickup truck.

#### Technical Specifications

Model No		TN 11.5	TN 15	TN 19
Solar Array Power	kW	2.2	2.6	2.8
Total Battery Storage	kWh	11.4	15.2	19
Inverter Rating – 110/220 VAC	kW	3	3	3
Closed Dimensions	Ft.	14 x 7	14 x 7	14 x 7
Nanogrid Height	Ft.	8	8	8
Weight	Lbs.	4,500	5,500	6,000
Form Factor		DOT Dual Axle Trailer		
Standard Shipping		Tow using 3/4 Ton Truck		
Installation		Fully configured < 15 minutes		



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