

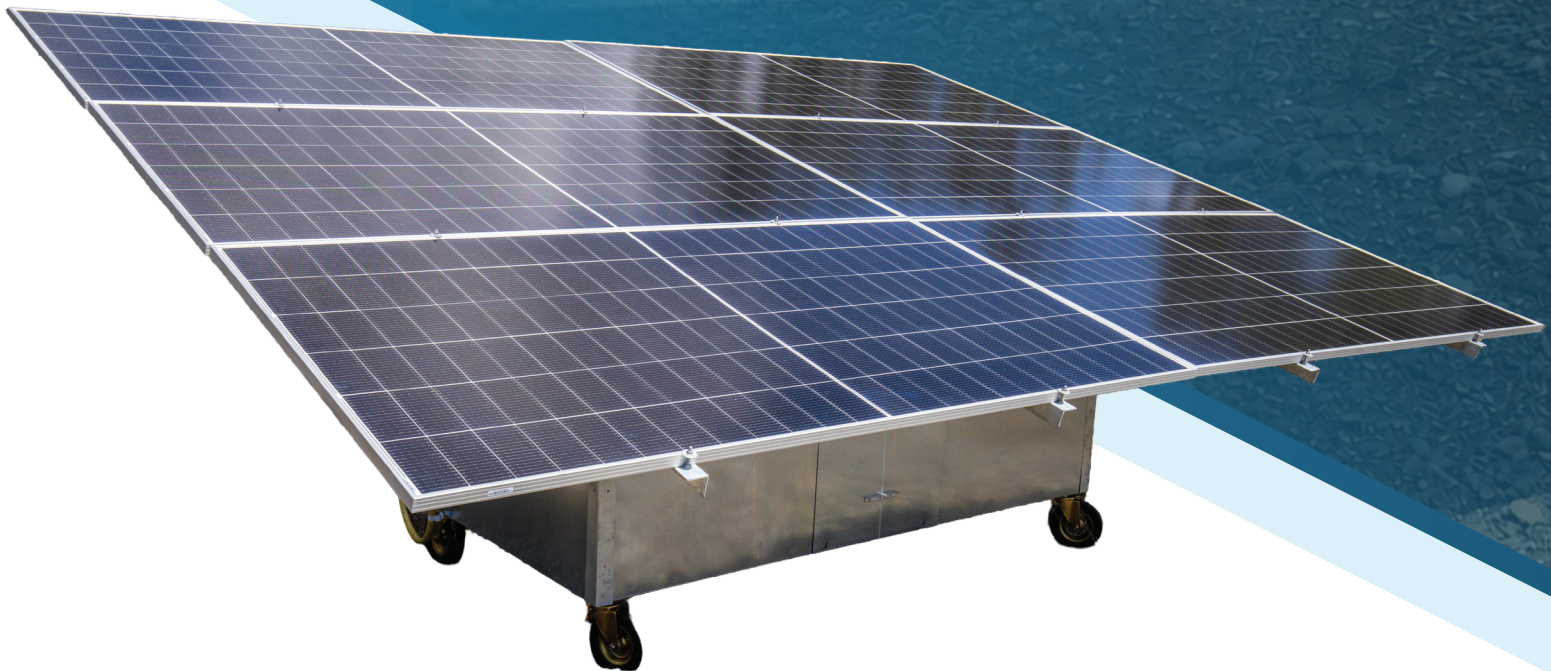


Winged Solar Solution

SPARROW™

DATA SHEET

Rapid Deploy Solar System



SPARROW™ Patent Pending

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www.winged solar.com

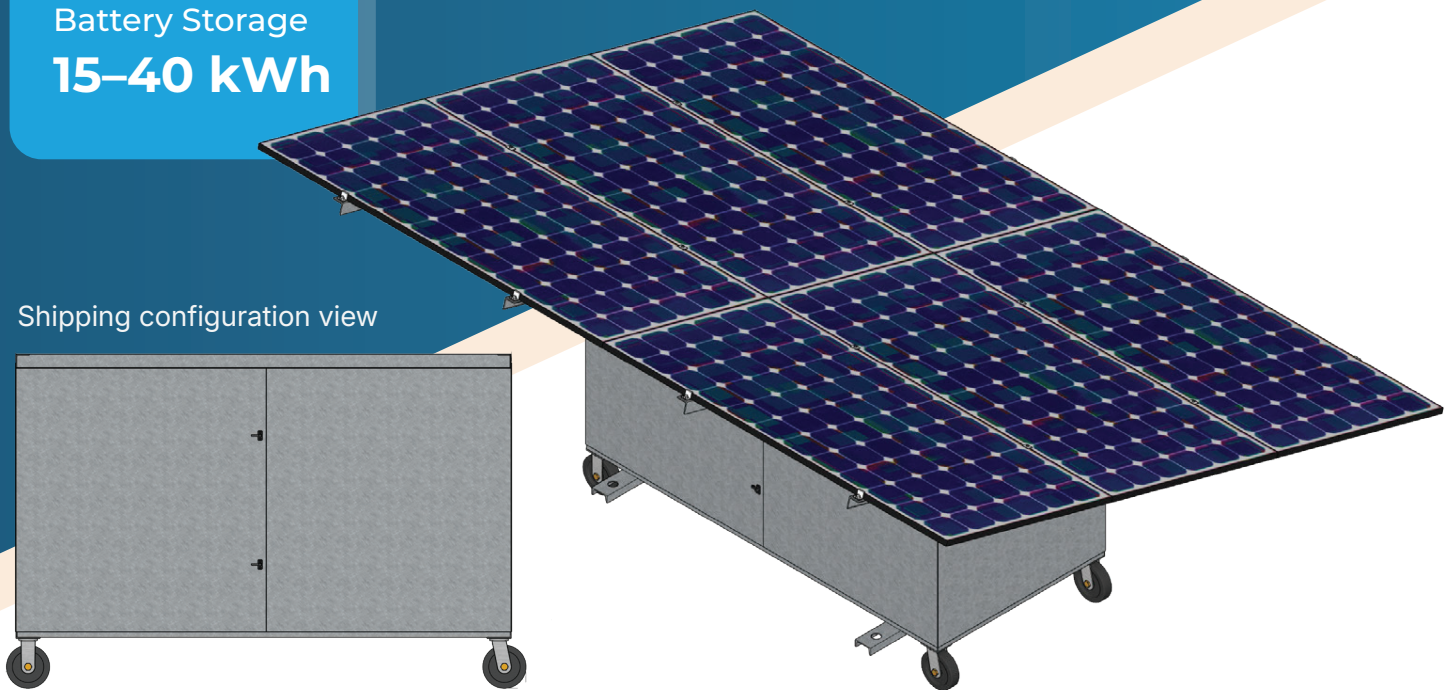


Applications

- Residential Ground-Mount Alternative
- Residential Backup Power
- Agricultural Facilities
- Rural Properties
- Construction Sites
- Mobile & Manufactured Homes
- Temporary Power
- EV Charging
- Atmospheric Water Generation (Altitude Water T-12)
- Remote Communications
- Emergency Response

Battery Storage
15–40 kWh

Shipping configuration view



Optional Equipment

- Level II EV Charging (50A / 240VAC)
- Altitude Water T-12 Atmospheric Water Generator Integration
- SPARROW-2 Solar Expansion (7.2 kW)
- Optional 30 kWh Battery
- Optional 40 kWh Battery
- Permanent Ground Anchor Kit
- Remote Monitoring (future option)



Specifications

Parameter	Specification	Value
Electrical	PV Capacity	3.6 kW Standard • 7.2 kW with SPARROW-2 expansion
	Battery Storage	15 kWh LiFePO ₄ Standard • Optional 30 kWh / 45 kWh
	AC Output	6 kW Standard • Optional 12 kW (Full Home Backup)
	Output Connections	50A / 240VAC • 20A / 120VAC
Dimensions	Shipping Dimensions	45" W × 90" L × 62" H
	Installed Dimensions	15' W × 11' L × 74" H
Mechanical	Weight	Approx. 1,400 lbs (15 kWh configuration)
	Structure	• Hot-dip galvanized steel • Industrial solid rubber casters • Wind/seismic rated with optional anchored base designed for ground screws

Engineered For Permanent Installation

Unlike consumer portable solar carts, SPARROW™ can be structurally engineered and anchored for wind and seismic compliance.

This differentiates from:

Harbor Freight solar racks

DIY carts

Trailer solar systems

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