

# UMBRELLA

- Modular
- Lighter
- Quicker to Install

Explore agrivoltaics umbrella design for efficient solar energy generation while supporting sustainable agriculture. Helps areas impacted by dramatic heat & severe weather conditions. Reduce the amount direct sunlight on crops and/or animals, while gaining energy.

## KEY PRODUCT BENEFITS



### Adaptability

- Adjustable system height
- Compatible with all foundation types without the need of an adaptor: Round Post, I-Beam, Ground screw, and Helical



### Pre-Assembly/ Assembly Efficiencies

- Light-weight components require no heavy or specialized equipment to handle
- Fewest components to assemble and install
- Integrated wire management
- Integrated bonding and grounding



### Livestock and Crops Accommodating Design

- Safe design with no exposed components to harm livestock
- Elevated design to accommodate bigger livestock
- Between post optional food and water accessories for livestock care
- Customizable solution based on the field operational requirements and topography



### Quality and Lifetime Value

- Automotive industry standard in manufacturing
- All components are coated for corrosion protection

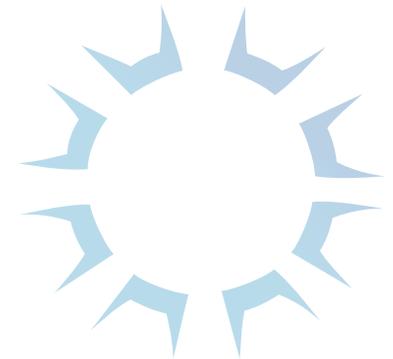


### GENERAL AND MECHANICAL

TABLE SIZE	40 modules per independent table
POSTS PER TABLE AND MODULE	2 posts per 40 modules
HEIGHT ADJUSTABILITY	Variable (4ft – 20ft) of leading edge
MATERIALS	Galvanized Steel (Standard G90, other thickness available)
WIND SPEED DESIGN	Wind speed fully configurable, up to 150 mph (240 km/h)
FOUNDATIONS	I-Beam, Round post, Ground-screw, and Helical,
GROUND COVERAGE RATIO	Fully configurable as per request
SYSTEM VOLTAGE	Compatible with 1,000V and 1,500V module circuits
MODULE ATTACHMENT	Direct Bolting Top Clamp
WIRE MANAGEMENT	Integrated wire management
BONDING AND GROUNDING	Integrated bonding and grounding
WARRANTY	20 years warranty

### SERVICES

INSTALLATION	Available upon request
GEOTECHNICAL AND FOUNDATION DESIGN	Geotechnical investigation, pull testing, production testing, QC testing
DESIGN AND ENGINEERING	Complimentary site layouts Sealed and stamped structural engineering drawings (Canada, USA, and Caribbean)
CONSTRUCTION SUPPORT	Complimentary on-site installation training and commissioning



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