



Z-MAN FISHING PRODUCTS

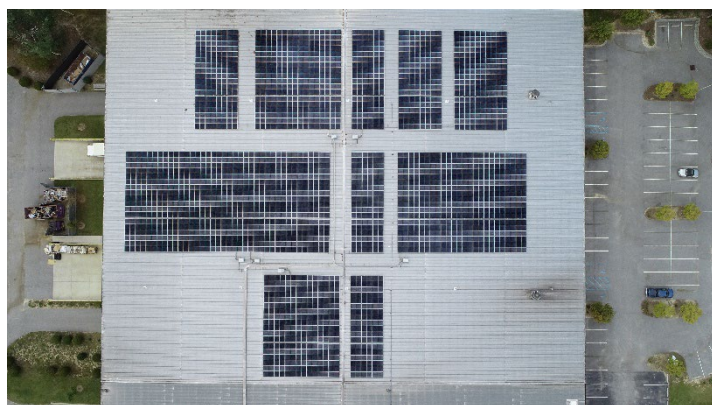
Ladson, SC

495.72-kW Roof-Mounted Solar PV Array

Hannah Solar Government Services (HSGS) was contracted by Z-Man Fishing Products to design and install a 495.72-kW (DC) roof-mounted solar photovoltaic (PV) array. This solar array features Talesun solar modules that are mounted by a Unirac structure and connected to Chint Power Systems inverters.

An estimated 654,006-kilowatt hours (kWh) of energy is expected to be produced by the system in the first year, approximately 71% of Z-Man's facility electricity. The energy produced from this solar array will be used to assist in powering Z-Man Fishing Products building's day-to-day operations.

Z-Man Fishing Products is a fishing lure brand located in South Carolina that supplies products to fishermen around the world. It is one of the fastest growing lure brands in the United States with Z-Man products sold nationwide in Bass Pro Shops, Walmart, and Dick's Sporting Goods. The facility in Ladson is responsible for all of Z-Man's manufacturing.



Project Specifications

Customer: Z-Man Fishing Products

Project Value: \$741 K

Project Completion: December 2021

Role: Prime Contractor – Designer and Installer

Equipment Specifications:

Modules: Talesun

Inverter: Chint Power Systems

Structure: Unirac

ABOUT US: Hannah Solar Government Services (HSGS) is a Service-Disabled Veteran Owned Small Business (SDVOSB) leading the way in global energy security by designing and building renewable energy and microgrid systems. HSGS specializes in the design, engineering, construction, and maintenance of solar PV, energy storage, and microgrid systems. Serving government, commercial, industrial clients, HSGS' breadth of experience includes projects that span the continental United States as well as overseas.



Hannah Solar Government Services
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Veterans Leading The Way In Global Energy Security
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Z-MAN FISHING PRODUCTS

Ladson, SC

495-kW Roof-Mounted Solar PV Array

Hannah Solar Government Services (HSGS) was contracted by Z-Man Fishing Products to conduct annual inspections and preventative maintenance of their solar photovoltaic (PV) system. The 495-kW (DC) roof-mounted system features Talesun modules that are supported by a Unirac structure and connected to Chint inverters.

HSGS performs annual inspection and preventative maintenance for the Z-Man facility. These services include, but are not limited to:

- Voltage and current tests for strings and combiner boxes
- I-V curve tracing
- Torque checks on all equipment
- Electrical tests on all solar panels, inverters, and transformers
- Visual inspections of structural, mechanical, and electrical components
- Replace components as needed
- Written report of findings



Project Specifications:

Customer: Z-Man Fishing Products

Project Value: \$21 k

Project Duration: 2023 – Ongoing

Role: Prime Contractor – Maintenance

Equipment Specifications:

Modules: Talesun 405W

Inverter: Chint Power Systems

Structure: Unirac

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