

## OVERVIEW:

AVX Corporation partnered with Hannah Solar to build South Carolina’s largest solar canopy, a visually stunning installation in the parking lot of their global headquarters.

**LOCATION**

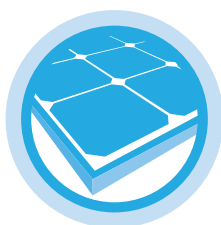
Fountain Inn, South Carolina

**TYPE**

Canopy

**SIZE**

907kW

**PRODUCT**

Trina DUOMAX 72-cell clear EVA

**# OF MODULES**

2,730

**COMPLETION DATE**

February, 2019

## BACKGROUND

AVX Corporation is a leading international manufacturer and supplier of advanced electronic components and interconnect, sensor, control and antenna solutions with 29 manufacturing facilities in 16 countries around the world. They began exploring solar for their headquarters in Fountain Inn, South Carolina as both a financial and an environmental consideration. A rebate from Duke Energy’s Solar Rebate Program helped finance the project.

## THE SOLUTION

AVX turned to Hannah Solar to design and build the project using Quest Quadpod canopy system from Quest Renewables and Trina DUOMAX 72-cell clear EVA panels. The DUOMAX panels feature a heat strengthened dual-glass design that provides industry leading performance and durability, backed by a 30-year linear power warranty. And, the high transparency EVA (Ethylene Vinyl Acetate) that encapsulates the PV cells allows more sunlight to pass through, ensuring insulation and durability, and creating an aesthetically pleasing light-filtering effect underneath the canopy for AVX’s employees and visitors to enjoy.

## RESULTS

The 907kW system is the largest solar canopy in the state of South Carolina and serves as on-site electrical generation for AVX as well as covered parking for their employees. The solar energy produced by the system is equivalent to the energy needed for 108 homes in one year. The CEO of Hannah Solar, Pete Marte said “This system is not only the largest solar canopy in the state, it is one of Hannah Solar’s most beautiful carport projects to date. We couldn’t be happier with the product and we are really pleased to have been selected by AVX to design and build this stunning project.

