



Sollega™

The Simple Solar Racking Solution™



FastRack 510-6dg Supporting the Puerto Rico VA Caribbean Medical Center through Irma and Maria

Key Project Facts:

Location & Year

San Juan, Puerto Rico 2015

System Size

645 kW-DC

Mounting System

Sollega™ FastRack 510-6dg (5° Tilt)

Modules

SunPower 327W

Sollega supplied their FastRack 510-6dg (FR510-6-dg) ballasted mounting system for the installation of a 645 kW rooftop solar array at San Juan, Puerto Rico Caribbean VA Hospital, the largest federal medical facility in Puerto Rico serving the entire Caribbean Basin. The medical center includes multi-disciplinary ambulatory facilities, 348 authorized hospital beds, 12 blind rehabilitation beds and 120 nursing home beds. The Center services a population of approximately 150,883 veterans in Puerto Rico and in the US Virgin Islands according to 2000 US Census figures. The VA Caribbean



Healthcare System has various specialized services that are unique in Puerto Rico. Not only will this achievement rank VA Medical Center as a building precursor in renewable energy, but will also function to stabilize and increase the independence of their energy needs. Sollega is proud to have participated on this landmark project.

The FR510-6dg was selected to mount 2,529 SunPower 327W modules. Its one-piece, no-assembly design simplified installation into a streamlined and intuitive process. Additionally, the high array density of the FR510-6dg allowed the VA Medical Center to efficiently meet its energy production goals.

Given the coastal environment, the non-corrosive, injection-molded Ultramid material used in Sollega's racking made it an ideal choice for withstanding ocean exposure. Sollega's flexible wire management system and 8" roof clearance further enhanced installation efficiency.

August 2017, Hurricane Irma and Maria (CAT 5) made landfall on Puerto Rico with winds exceeding 180 MPH. The array on the VA Hospital not only survived both hurricanes, but we are proud to say remains 100% operational. The hybrid system (ballast & mechanical anchors) is rated to withstand wind speeds of 165 MPH.

Contact Information:



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