



FastRack510-6dg™ Installed on Home Depot Roofs Across the Hawaiian Islands

Key Project Facts:

Location & Year

Kailua-Kona, Kapolei, & Kahului, HI 2019

Total System Size

1.59 MW-DC

Mounting System

Sollega™ FastRack 510-6dg at 10° tilt

Modules

(4302) REC370TP2SM7

Sollega has a long history of projects on the Hawaiian islands (see case studies on the Honolulu & Kahului Airports, Kona Village Resort), a rust prone location where the non-corrosive FastRack (FR510-6dg) thrives. This was a crucial factor for the string of Home Depots that supply the islands, and Sollega was again selected to supply the racking for 4,302 modules across three Home Depot locations in Kailua-Kona, Kapolei, and Kahului. Sollega is proud to support the infrastructure that helps keep these crucial locations operational to serve the public of Hawaii.



Kapolei Location, 499.50 kW-DC



Kailua-Kona Location, 539.46 kW-DC

Cover: Kahului Location, 552.78 kW-DC

The one-piece FR510 requires no assembly and is made in the USA from glass-reinforced nylon Ultramid® material, meaning the racking system is uniquely suited for the salt-heavy, humid climate of the Hawaiian islands. In addition to harsh environmental conditions, the project sites posed structural challenges due to their location in hurricane zones and areas of high seismic activity. Combined with Sollega's robust engineering support, the system provided a durable, cost-effective solution in a region where rust and wear are a constant threat. The FR510-6dg's high array density helped maximize energy yield while the system's rapid deployment meant minimal disruption for the operations of the sites below.



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