



FastRack510-6dg™ Installed on the Department of Energy Headquarters, Washington DC.

Key Project Facts:

Location & Year

Washington DC, 2024

System Size

223.44 kW DC

Structural Method

Ballasted + Anchored

Mounting System

Sollega™ FastRack 510-6dg at 5° tilt

Modules

SILFAB SIL- HN (490W)

System Weight

76,077lb

The U.S. Department of Energy (DOE) is at the forefront of advancing clean energy solutions across the nation. As part of their ongoing commitment to sustainability, the DOE commissioned a photovoltaic (PV) solar installation on the rooftop of their Washington, D.C. headquarters incorporating Sollega’s FastRack (Fr510-6dg) Racking system. The system is in line DOE’s leadership in environmental responsibility and dedication to renewable energy.



The installation site presented unique challenges due to Washington D.C.'s variable climate, including high winds and significant temperature fluctuations throughout the year. The DOE required a racking solution that was not only durable but could also provide long-term stability for the (456) solar modules. To deliver a solution that could meet these stringent performance demands, Sollega was entrusted to help engineer the PV system. Sollega's FastRack 510-6dg racking system was selected to ensure the modules remained secure and operational under extreme weather.

Sollega's FastRack 510-6dg was selected for its one-piece design, made from durable, non-corrosive BASF Ultramid™, offering unmatched strength and resilience. Its ability to withstand extreme conditions while being quick to ship, stage, and install made it the ideal solution for securing the modules onto the DOE facility.

This solar installation at the U.S. Department of Energy headquarters is a landmark achievement in the nation's clean energy movement. The project underscores the DOE's leadership in advancing renewable energy and highlights the importance of

collaboration between government entities and private sector partners. Together, these organizations are helping to pave the way for a more sustainable future, showcasing the potential of solar power to drive national progress toward clean energy goals. The FR510-6dg is manufactured 100% in the U.S.A., with raw materials from Texas, injection molding in Los Angeles, and fasteners from Ohio. It is easily recyclable at the end of its useful life. For more information about Sollega's racking solutions or to learn how we can support your next project, visit our website or contact us directly.



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