



## **A Historic Institution, A Modern Array: FastRack510-6dg™ Supports the Smithsonian Museum**

### **Key Project Facts:**

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#### **Location & Year**

Suitland, MD 2024

#### **System Size**

534.24 kW-DC

#### **Mounting System**

Sollega™ FastRack 510-6dg at 5° tilt

#### **Modules**

(1113) Q.PEAK DUOXL-G10.2

As part of ongoing sustainability goals, the Smithsonian Institution commissioned a rooftop solar installation at its Suitland, MD campus. Given the site's exposure to seasonal weather and the institution's emphasis on long-term operations, the project required a non-penetrating, ballasted racking solution capable of meeting code requirements while also supporting long-term reliability with minimal rooftop disturbance.



Sollega's Fastrack (FR510-6dg) racking system was selected for this build for several key factors. The low-profile design and preassembled components means the system is quick to ship, stage, and install. Install crews were able to place and secure the 1113 modules and 1260 FR510-6dgs in approximately 5–10 minutes each, minimizing labor time and rooftop traffic.

Manufactured from glass-reinforced nylon 6/6, the racking system is resistant to corrosion and suited for long-term rooftop exposure. With material sourcing and manufacturing in the U.S., it supported the client's preference for U.S.-based products.

The completed 534.24 kW-DC system contributes to the Smithsonian's renewable energy targets and aligns with public-sector expectations for safety, durability, and longevity.



## Contact Information:



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