

First ever UL3741 Compliant PV System Built Using Sollega's FastRack510-6dg™

Key Project Facts:

Location & Date

Fresno, CA 2022

System Size

523 kW-DC

Mounting System

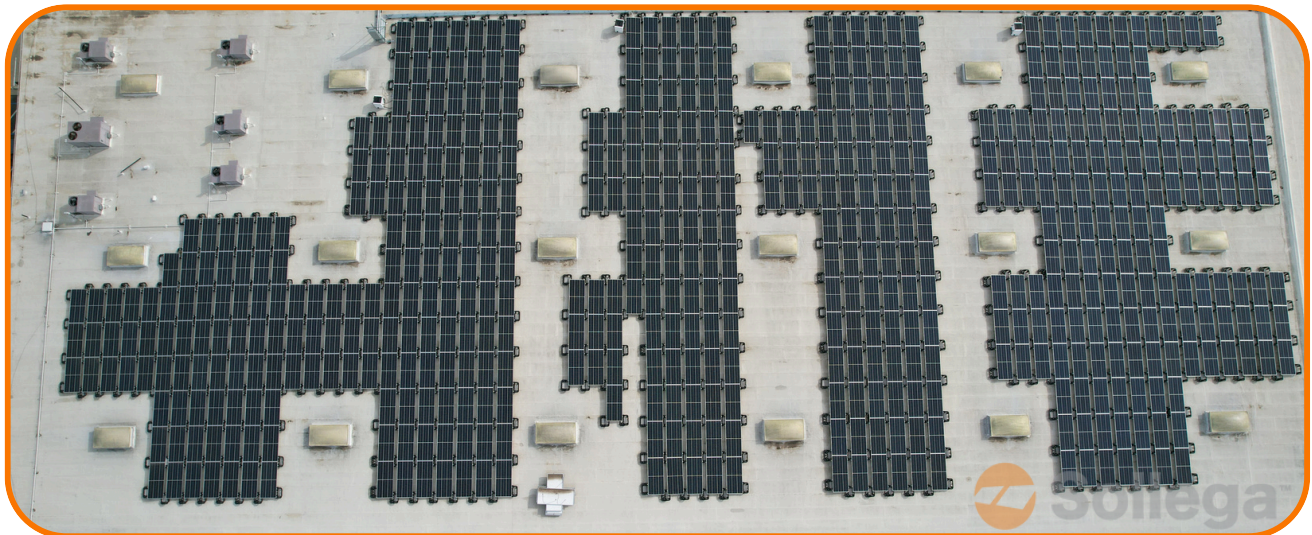
Sollega™ FastRack 510-6dg at 5° tilt

Modules:

(1101) Trina TSM-457DE15V(I)

This is the first UL3741 compliant system in the US and thus required no module-level power electronics throughout the array. Sollega has been providing simple robust racking solutions for commercial and industrial flat roof solar PV for over 15 years. The FastRack (FR510-6dg) has entered a new era of installation and production efficiency with UL3741, omitting the need for rapid shutdown devices (RSDs).

Sollega and SMA America have joined forces to certify the Sollega FR510-6dg with the SMA CORE1 inverters. This is the first system to market that complies with Underwriters Laboratory UL3741



Photovoltaic Hazard Control Systems (PHCS) and National Electric Code (NEC)690.12 for rapid shutdown of rooftop PV systems without module-level power electronics or switches.

Adherence to UL3741 inverters allows installers to connect module to module. This avoids incompatibility issues with connectors, reduces failure points and greatly speeds up installation. A system that meets UL3741 without RSDs also results in both up-front and long-term O&M cost savings while reducing the number of connectors within the array by 65%.

Sollega provided (1392) FR510-6dgs for (1101) modules mounted at a 5-degree tilt enabling a higher density quantity of kW per sq-ft. The one-piece FR510-6dg requires no assembly, and its universal design allowed for a quick, simple, and intuitive installation of the PV modules.

Contact Sollega™ for a quote on your flat-roof or ground-mount projects today.



Contact Information:



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