

Tesseract RS

For Shingled Roofs



tessolar



tesseract RS Overview

tesseract RS is specifically designed for composite shingle roofs. tesseract RS eliminates pounds of racking metal, large numbers of parts and fasteners while reducing installation time by up to 50%. With the tesseract RS, high throughput deployment of residential solar rooftop portfolios is a reality.

Technical Information

UL 2703 Compliant

UV stable, tested to UL 746C

Ratings:

Upload: > 1800 Pa

Download: > 5400 Pa

>100°C temperature stability

Integrated electrical bonding



Tesseract®

The tesseract® line of racking hardware is engineered for the world's fastest rooftop and ground mount system installations. Tessolar products use proven aerospace composite materials that enable highly engineered, precision assemblies that are not possible with metal-based products. Tessolar's patented technology provides tool free, high throughput PV system installation with precise quick-connect joints that meet or exceed industry standards for strength, durability and safety.

tesseract RS Features

Factory assembled and ready for installation

Only one standard fastener per mount

Flashing and weather seal

Integrated bonding

Snap-in module attachment

Portrait or landscape

Height adjustable after module installation

Minimal training required

Warranty – 25 years

tesseract RS Benefits

Up to:

- 50% faster installation
- 25% lower installation cost
- 40% lower weight

Elimination of multiple tools, parts and fasteners

Permit process ready

High throughput project portfolio deployment

Tessolar Aerospace Composite

- 30+ year heritage in high strength, outdoor applications
- Optimal blend of strength and durability
- UV stability engineered
- Kg for kg stronger than steel

Tessolar Inc.

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