

Tesseract :RS

For Residential



tessolar

• Residential_Tesseract :RS • Ground Mount_Tesseract :GT • Rooftop_Tesseract :Z



Product Overview

Tesseract :RS is specifically designed for residential roof application. The product eliminates pounds of racking metal, large numbers of parts and fasteners while reducing installation time by up to 50% depending on installation. Now, high-throughput deployment of a residential solar rooftop portfolio is a reality.

Technical Data

Material – aerospace composite

UV: UL 2703 (pending)

Upload: 2400 Pa (mounting design specific)

Download: 5400 Pa (mounting design specific)

Heat/RTI: > 100° C

Tesseract™

The Tesseract™ line of racking integration products accelerates installation time of solar PV systems for rooftop and ground mount systems. Tessolar products are made with proven aerospace quality composite materials which allow for highly engineered features and precision not possible with metal-based products. The patented SolidSnap™ technology provides tool free, assembly line type PV system installation with snap-fit joints that meet or exceed industry standards for strength, durability and safety.

Attributes

- Supplied fully assembled
- SolidSnap™ snap-in place joints
- Integrated leveling without module removal
- Only one fastener per mount
- Integrated water seal and flashing diverter
- Warranty – 25 years
- 60 or 72 cell module, portrait or landscape
- Low complexity training program

SolidSnap™

Value

- Up to:
 - 50% less installation time
 - 25% lower system installation cost
 - 40% less weight
- Elimination of multiple tools, parts or fasteners on roof
- Increase in addressable roof market
- Industry leading design flexibility
- Simplified system design and engineering
- High throughput project portfolio deployment

UL 2703

Pending

Tessolar Aerospace Composite

- 30+ year heritage in high strength, long term applications
- Optimal blend of strength, durability and reliability
- UV protection engineered
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- Non-corrosive, no maintenance



Tessolar, Inc.

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