

## tesseract-Z

### For Metal Roofs



### tesseract - Z Overview

tesseract - Z is specifically designed for structural corrugated metal roofs. Tesseract – Z eliminates pounds of racking metal and large numbers of parts and fasteners while reducing installation time by up to 50%. With tesseract - Z, high – throughput deployment of commercial & industrial solar rooftop portfolios is a reality.

### Technical Information

Certifications:

UL 2703 and AS/NZS 1170.2:2011  
for > 64 m/s (150 mph) wind  
UV stable, tested to UL 746C

Professional Engineer Stamped:

> 50 m/s wind and > 5400 Pa snow  
>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-quality composites that enable highly engineered, precision assemblies that are not possible with metal-based products. Tessolar's patent-pending 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 – Z Features

- Factory assembled and ready for installation
- Only two standard fasteners per mount
- Integrated weather seal
- Integrated bonding
- Snap-in module attachment
- Portrait or landscape
- Minimal training required
- Warranty – 25 years

### tesseract – Z 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

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