

**ARRAY**

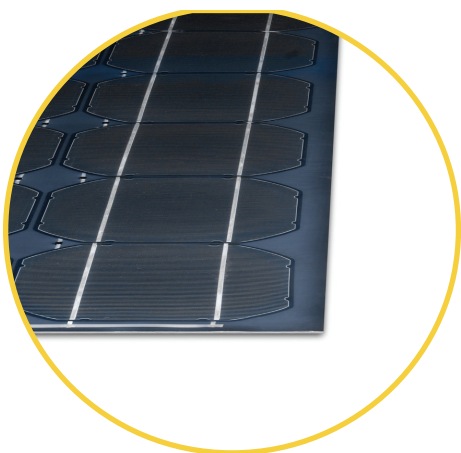
BY  sonflare

**CIGS VS SILICON**

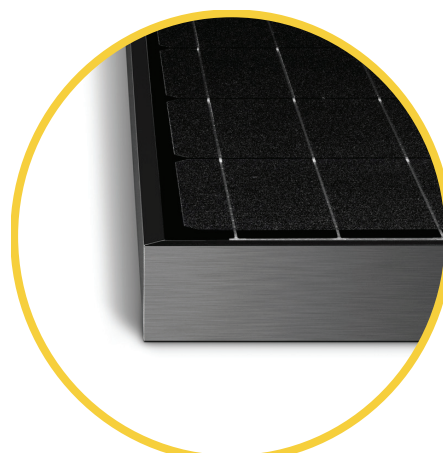
# CIGS VS Silicon

What You'll Want to Know

| Comparison                                    | Sun <sup>2</sup>        | Traditional c-Si Glass Panels |
|---|-------------------------|-------------------------------|
| Weight / m <sup>2</sup>                       | 3.5 kg / m <sup>2</sup> | 11.5 kg / m <sup>2</sup>      |
| Front Material                                | Plastic                 | Glass                         |
| Frame   | No frame                | Aluminium frame               |
| Flexibility                                   | Yes                     | No                            |
| Dimensions                                    | Multiple Sizes          | 6 x 12 Cells                  |
| Easily Integrated into Construction Materials | Yes                     | No                            |
| Temperature Coefficient                       | -0.31%/Co               | -0.45%/Co                     |
| Installation                                  | Glue/Weld/Tape          | Aluminium Racks               |
| Installers                                    | > 1                     | > 2                           |
| Transportation                                | Easy and Efficient      | Difficult and Expensive       |
| Shading Performance                           | Good                    | Bad                           |
| Lifetime                                      | 25 Years                | 25 Years                      |



Sunflare CIGS flexible panels can be easily applied with proprietary double-sided tape.



Silicon panels require heavy aluminum frames and ballasts.