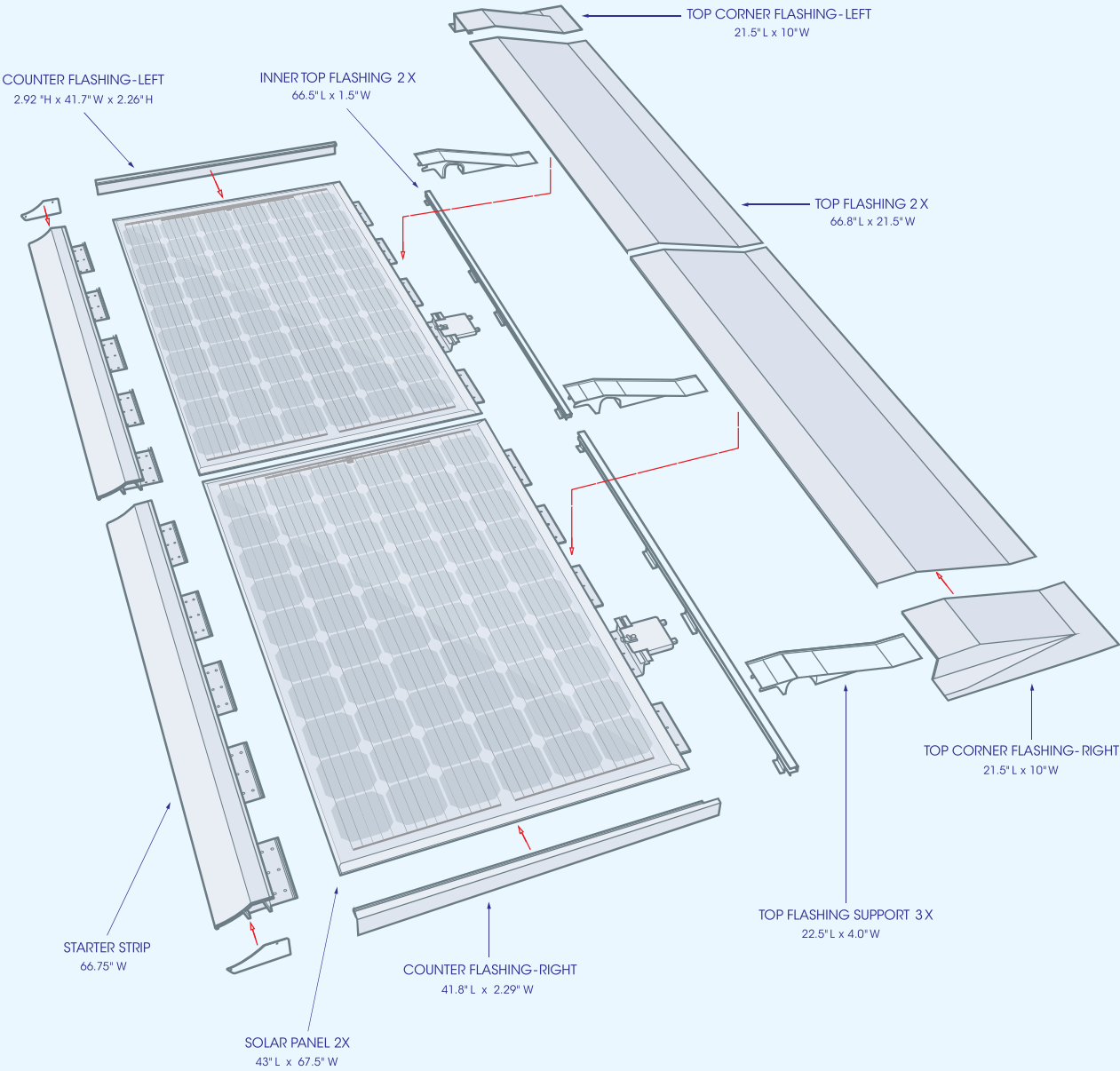


Dimensions



Description

The sleek, black, low-profile design of the GAF DecoTech™ Solar System delivers performance and curb appeal at an affordable price.

Product Installation

Refer to the DecoTech™ Application Instructions for details on how to install the DecoTech™ Solar System.

Design Considerations

- DecoTech™ Module Assembly must be installed in landscape mode.
- The roof deck must be a minimum of 15/32" thick plywood or 7/16" thick OSB decking.
- DecoTech™ Module Assemblies are intended for use solely on roofs having a slope between 4:12 and 12:12.
- DC optimizers or AC inverters can be used.
- Asphalt shingle installations only.



Technical Specifications

| | | | |
|--|-----------------|------------------------|---|
| Model Number | RI 2000 | Cells per module | 60 |
| PV Laminate | Silfab SLA Mono | Cell type | Monocrystalline |
| Maximum Power under STC* (Pmax) | 310 Wp | PV Connector Type | PV wire with MC4 compatible |
| Open Circuit Voltage under STC (Voc) | 40.25 V | PV Laminate Front | 3.2 mm high transmittance, tempered, ar coating |
| Maximum Power Point Voltage under STC (Vmpp) | 33.05 V | PV Laminate Back | Multi-layer Polymer Backsheet |
| Short Circuit Current under STC (Isc) | 9.93 A | Frame | Black Powder Coated Aluminum |
| Maximum Power Point Current under STC (Impp) | 9.38 A | Weight | 44.4 lb. (20.14 kg) |
| Module Efficiency under STC (ηm) | 19.0% | Operating Temperatures | -40 to +185°F (-40 to +85°C) |
| Temperature Correction Factor TC Voc | -0.30%/C | Design Loading | 50 lb./ft² (244 kg/m²) Positive Design Load |
| | | Certifications | SLA-M300JM310 UL 1703 |
| | | Fire Rating | DecoTech™ Frame: UL 2703 |



*STC: Standard Test Conditions 1000W/m², 25°C, AM 1.5. For additional parameters and certifications, refer to the latest version of the DecoTech™ Application Instructions