



SLIVER3600 Solar System Panel Specifications

Your Origin SLIVER system will be supplied with one of the following sets of panels:

| Manufacturer | Mono Or Poly | Size (Watts) | Panels Required To Achieve Minimum 3600 Watts |
|---------------------|---------------------|---------------------|--|
| SLIVER | Mono | 150 | 24 |
| SLIVER | Mono | 157 | 24 |

Please note all solar panels supplied are CEC accredited and compliant with IEC/EN61730 and IEC/EN61215 or IEC/EN61646.

The choice of panels will be at the **sole discretion** of our installer subject to such matters as stock availability.

Please see the following specification sheet for further details and panel specifications.

High-Performance Series IV 150W Monocrystalline Silicon Photovoltaic Module



Our patented SLIVER™ technology, with 70 parallel connections per module, delivers **near-linear partial shading response** from the module and reduces system losses in common transient shade conditions regularly found on site.

Yield is increased by low operating temperatures and low temperature coefficients due to the unique cell architecture.

With triple interconnect redundancy and very low interconnect current in a cell, SLIVER modules deliver **high reliability**.

Our patented manufacturing process delivers **distinctly different**, ultra-thin monocrystalline and perfectly **bifacial** SLIVER cells.

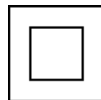
Lower silicon consumption (g/W) enables **faster energy payback** time.

SLIVER modules' improved shade tolerance enables **tighter row-to-row packing density**, allowing array footprints to be minimized.

25-year warranty – See Transform Solar Limited Warranty for more details.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- ANSI/UL 1703 listed
- Periodic inspection



AS5033 Compliant



High-Performance Series IV 150W

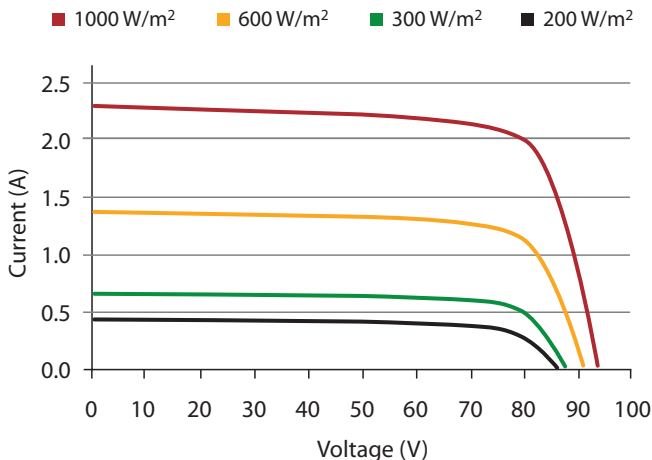
Monocrystalline Silicon Photovoltaic Solar Module

Electrical Performance

| SVR-HP150IV | STC ⁽¹⁾ 1000 W/m ² | NOCT ⁽²⁾ 800 W/m ² |
|--|---|---|
| Maximum Power (Pmp) | 150W | 111.3W |
| Voltage @ Pmp | 74.3V | 68.4V |
| Current @ Pmp | 2.02A | 1.63A |
| Voltage Open-Circuit (V _{OC}) | 93.2V | 87.3V |
| Current Short-Circuit (I _{SC}) | 2.27A | 1.83A |
| Power Tolerance | ±3% | - |
| NOCT Value | - | 43°C |
| Temperature Coefficient Pmp | -0.41%/K | - |
| Temperature Coefficient I _{SC} | 0.04%/K | - |
| Temperature Coefficient V _{OC} | -0.30%/K | - |
| Maximum System Voltage | 600V | - |
| Maximum Series Fuse Rating | 6A | - |
| Limiting Reverse Current | 6A | - |
| Application Classification | Class A (IEC61730) | - |

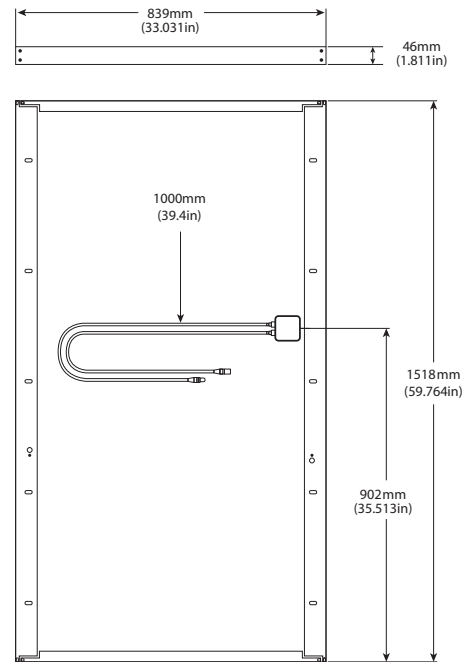
Note: Typical efficiency reduction @ 200 W/m² is less than 7%.
 (1) Standard test conditions (STC) – 1000 W/m² irradiance, 25°C, and 1.5 air mass spectrum.
 (2) Nominal operational cell temperature (NOCT) – 800 W/m² irradiance, 20°C ambient, and 1.5 air mass spectrum.

SLIVER IV Curve (Typical)



Mechanical Characteristics

| SVR-HP150IV | |
|--|--|
| Dimensions (Length x width x depth) | 1518 x 839 x 46mm (59.8 x 33.0 x 1.8in) |
| Weight | ~17kg (~37.5 lbs) |
| Cell Type and Material | Monocrystalline silicon |
| Frame Material | Aluminum |
| Front Cover | 3.2mm toughened glass |
| Encapsulant | EVA |
| Bypass Diode | 1 per module |
| Junction Box Rating | IP67 |
| Connectors | MC3- or MC4-compatible |
| PV Cable Length (each) | 1000mm (39.4in) |
| PV Cable Area | 2.5mm ² (#14AWG) |



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High-Performance Series IV 157W Monocrystalline Silicon Photovoltaic Module



Our patented SLIVER™ technology, with 70 parallel connections per module, delivers **near-linear partial shading response** from the module and reduces system losses in common transient shade conditions regularly found on site.

Yield is increased by low operating temperatures and low temperature coefficients due to the unique cell architecture.

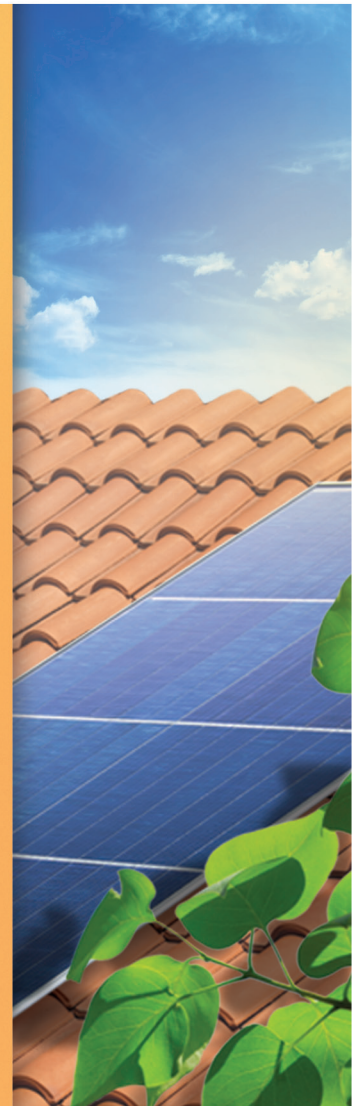
With triple interconnect redundancy and very low interconnect current in a cell, SLIVER modules deliver **high reliability**.

Our patented manufacturing process delivers **distinctly different**, ultra-thin monocrystalline and perfectly **bifacial** SLIVER cells.

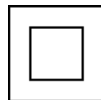
Lower silicon consumption (g/W) enables **faster energy payback** time.

SLIVER modules' improved shade tolerance enables **tighter row-to-row packing density**, allowing array footprints to be minimized.

25-year warranty – See Transform Solar Limited Warranty for more details.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- ANSI/UL 1703 listed
- Periodic inspection



AS5033 Compliant



High-Performance Series IV 157W

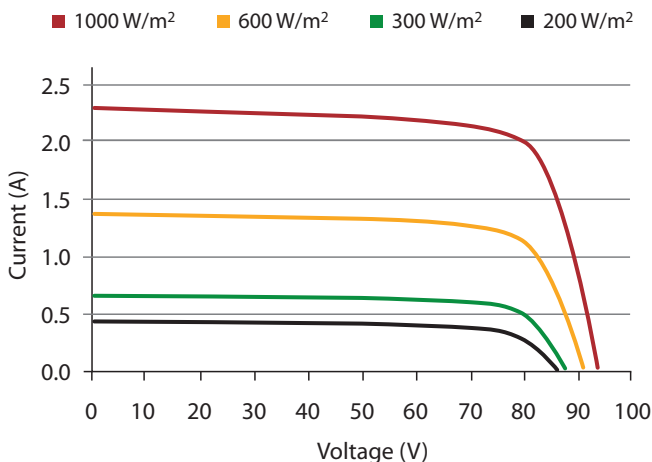
Monocrystalline Silicon Photovoltaic Solar Module

Electrical Performance

| SVR-HP157IV | STC ⁽¹⁾ 1000 W/m ² | NOCT ⁽²⁾ 800 W/m ² |
|--|---|---|
| Maximum Power (Pmp) | 157W | 116.6W |
| Voltage @ Pmp | 75.5V | 69.6V |
| Current @ Pmp | 2.08A | 1.68A |
| Voltage Open-Circuit (V _{OC}) | 93.9V | 88.0V |
| Current Short-Circuit (I _{SC}) | 2.28A | 1.84A |
| Power Tolerance | ±3% | - |
| NOCT Value | - | 43°C |
| Temperature Coefficient Pmp | -0.41%/K | - |
| Temperature Coefficient I _{SC} | 0.04%/K | - |
| Temperature Coefficient V _{OC} | -0.30%/K | - |
| Maximum System Voltage | 600V | - |
| Maximum Series Fuse Rating | 6A | - |
| Limiting Reverse Current | 6A | - |
| Application Classification | Class A (IEC61730) | - |

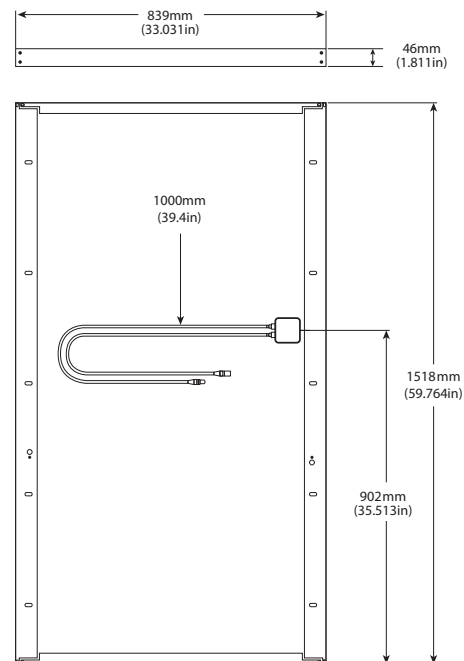
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SLIVER IV Curve (Typical)



Mechanical Characteristics

| SVR-HP157IV | |
|-------------------------------------|--|
| Dimensions (Length x width x depth) | 1518 x 839 x 46mm (59.8 x 33.0 x 1.8in) |
| Weight | ~17kg (~37.5 lbs) |
| Cell Type and Material | Monocrystalline silicon |
| Frame Material | Aluminum |
| Front Cover | 3.2mm toughened glass |
| Encapsulant | EVA |
| Bypass Diode | 1 per module |
| Junction Box Rating | IP67 |
| Connectors | MC3- or MC4-compatible |
| PV Cable Length (each) | 1000mm (39.4in) |
| PV Cable Area | 2.5mm ² (#14AWG) |



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