



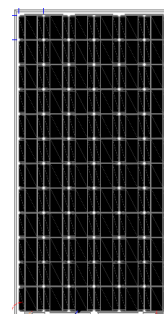
ST72M-190W

ELECTRICAL SPECIFICATIONS

| | | | |
|-----------------------|---------------------------|---------------------|--------------------|
| MAXIMUM POWER | 190 WATTS | | |
| POWER TOLERANCE | =/- 3% | | |
| MAXIMUM POWER VOLTAGE | 36.50 VOLTS | | |
| MAXIMUM POWER CURRENT | 5.22 AMPS | | |
| OPEN CIRCUIT VOLTAGE | 44.6 VOLTS | | |
| SHORT CIRCUIT CURRENT | 5.65 AMPS | | |
| MODULE EFFICIENCY | 21.6% | | |
| MAXIMUM FUSE RATING | 15 AMPS | | |
| OPERATING TEMPERATURE | -40°-185° F (-40°-+85° C) | | |
| DIMENSIONS | Length | Width | Height |
| Inches | 62.20 (+/-0.04") | 31.81 (+/-0.04") | 2.09 (+/-0.04") |
| Millimeters | 1580 (+/-) 1mm | 808 (+/-) 1mm | 35 (+/-) 1mm |
| WEIGHT | | Pounds | Kilograms |
| Unpackaged | | 35.27 | 16.00 |

MECHANICAL SPECIFICATIONS

| | |
|-----------------|--|
| SOLAR CELLS | MONOCRYSTALLINE / 2BB |
| NUMBER OF CELLS | 72 (6X12 FORMAT) |
| GLASS | 3.2MM LOW-IRON TEMPERED GLASS |
| FRAME | ANODIZED ALUMINUM ALLOY |
| JUNCTION BOX | IP65 ABOVE / 3 BYPASS DIODES |
| CABLES | 35.43" X 0.16" (4.00MM ² X 900MM) |
| CONNECTORS | IP67 / MC4 COMPATIBLE |
| WIND RESISTANCE | 2400 PA |
| SNOW RESISTANCE | 5400 PA |



SUN7 TECHNOLOGY

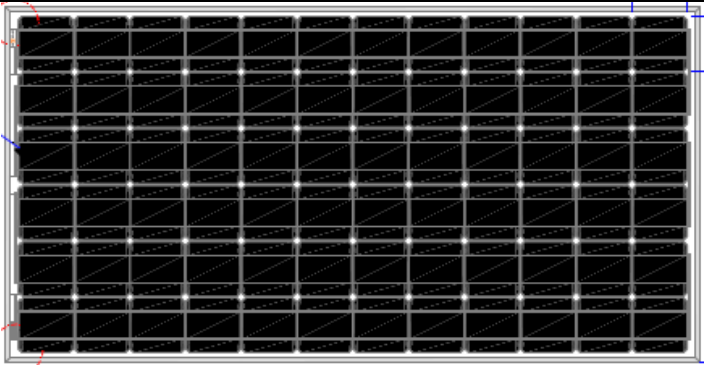
BLACK ON BLACK: The highest level of purity Black Monocrystalline Silicon for superior performance over Polycrystalline Panels. Black Reinforced Frames support up to 2400pa Wind Loads a 5400pa Snow Loads

LOW LIGHT PERFORMANCE: Excellent performance under low light and cloudy conditions

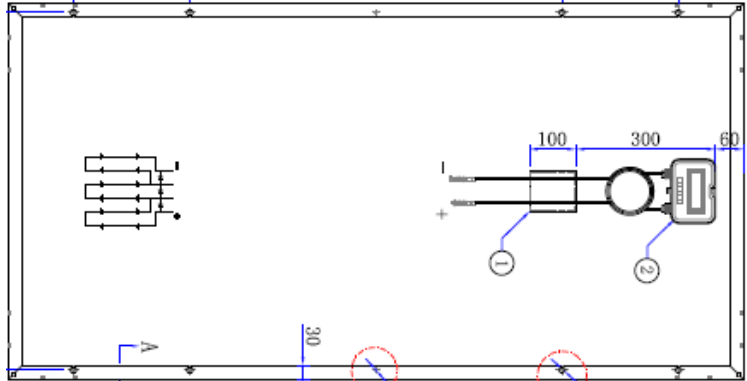
INDUSTRIAL DURABILITY: Designed to withstand harsh conditions from salt, wind, ammonia, snow, hail, and ice.

WARRANTY: 25 Year Linear Warranty

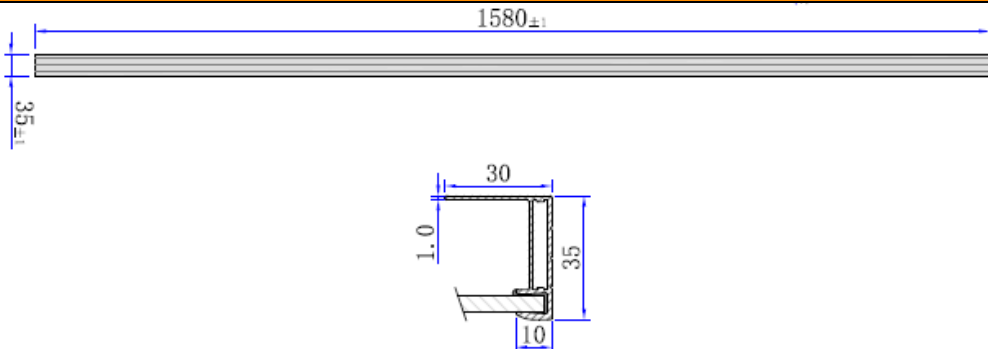
FRONT VIEW

|  | INCHES | MM |
|---|----------|------|
| | W 31.81" | 808 |
| | L 62.20" | 1580 |

BACK VIEW

|  | LENGTH X WIDTH | |
|--|---------------------|----------|
| | INCHES | MM |
| | L 62.20" | 1580 |
| | W 31.81" | 808 |
| | BETWEEN SCREW HOLES | |
| | INCHES | MM |
| | L 51.18" / 31.50" | 1300/800 |
| | W 30.24" | 768 |

SIDEVIEW

|  <p>SECTION A-A SCALE 6:1</p> | HEIGHT | |
|---|--------|----|
| | INCHES | MM |
| | 1.38 | 35 |

CERTIFICATIONS

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
|---|---|---|--|---|

FOR ADDITIONAL TECHNICAL OR SALES ASSISTANCE, PLEASE CONTACT HELIOS PSC AT
1.833.HeliosPSC or sales@heliospsc.com