

## BENEFITS

### Reliable and Robust Design

Proven track record for durability and longevity

### Effective Power Range

Enables most systems to use a single inverter rather than multiple units

### Commercial Use

Flexible AC voltage output and scalable building blocks create an easy solution for commercial applications

### High Efficiency

Weighted CEC efficiency over 95.5% and peak efficiency over 97%

### Reduced Installation Cost

Integrated AC-DC disconnect with fuses lowers material costs and labor requirements

### Attractive Aesthetics

Integrated disconnect eliminates need for visible conduits to inverter



## 5000m, 6000m & 7000m INVERTERS

EXCEPTIONAL RELIABILITY AND PERFORMANCE

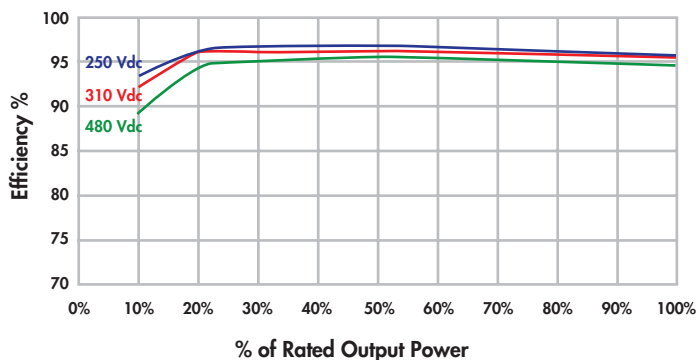


The SunPower inverters 5000m, 6000m & 7000m provide exceptional reliability and market-leading design flexibility. The SPRm line of Solar Inverters can be easily applied in residential or commercial installations. All models come with a 10-year warranty.

#### Electrical Data

|  | SPR-5000m   | SPR-6000m   | SPR-7000m   |
|--|---|---|---|
| <b>AC Power</b>                                    | 5000 W  | 6000 W  | 7000 W  |
| <b>AC Max Output Current (@ 208V, 240V, 277V):</b> | 24A, 20.8A, 18A   | 29A, 25A, 21.6A   | 34A, 29A, 25.3A   |
| <b>AC Nominal Voltage / Range</b>                  | 183 – 229 V @ 208 VAC<br>211 – 264 V @ 240 VAC<br>244 – 305 V @ 277 VAC | 183 – 229 V @ 208 VAC<br>211 – 264 V @ 240 VAC<br>244 – 305 V @ 277 VAC | 183 – 229 V @ 208 VAC<br>211 – 264 V @ 240 VAC<br>244 – 305 V @ 277 VAC |
| <b>AC Freq / Range</b>                             | 60 Hz / 59.3 Hz – 60.5 Hz   | 60 Hz / 59.3 Hz – 60.5 Hz   | 60 Hz / 59.3 Hz – 60.5 Hz   |
| <b>Power Factor</b>                                | 1   | 1   | 1   |
| <b>Peak Inverter Efficiency</b>                    | 96.8%   | 97.0%   | 97.1%   |
| <b>CEC Weighted Efficiency</b>                     | 95.5 % @ 208 V<br>95.5 % @ 240 V<br>95.5 % @ 277 V                      | 95.5 % @ 208 V<br>95.5 % @ 240 V<br>96.0 % @ 277 V                      | 96.0 % @ 208 V<br>96.0 % @ 240 V<br>96.0 % @ 240V                       |
| <b>Recommended Array Input Power (DC @ STC)</b>    | 5300 W  | 6400 W  | 7500 W  |
| <b>DC Input Voltage Range</b>                      | 250 – 600 V   | 250 – 600 V   | 250 – 600 V   |
| <b>Peak Power Tracking Voltage</b>                 | 250 – 480 V   | 250 – 480 V   | 250 – 480 V   |
| <b>DC Max. Input Current</b>                       | 21 A  | 25 A  | 30 A  |
| <b>DC Voltage Ripple</b>                           |   | < 5%  |   |
| <b>No. of Fused String Inputs</b>                  |   | 4   |   |
| <b>Power Consump: Standby / Nighttime</b>          |   | < 7 W / 0.25 W  |   |
| <b>Fused DC &amp; AC Disconnect</b>                |   | Standard; Complies with NEC Standards                                   |   |
| <b>Grounding</b>                                   |   | Positive Ground   |   |

#### SPRm Efficiency Curves

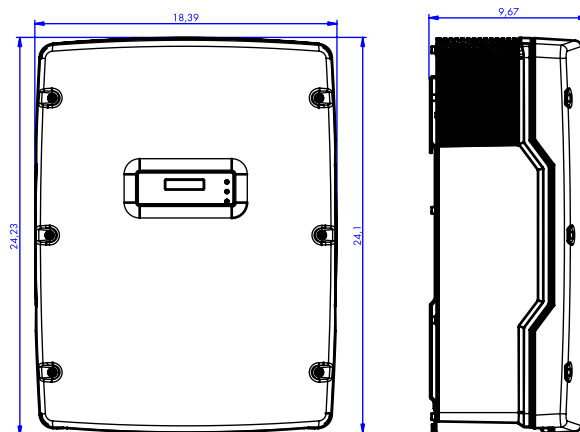


#### Mechanical Data

|   |   |
|---|---|
| <b>Shipping Dimensions W x H x D inches</b> | 23.5" x 31.0" x 16.0"                     |
| <b>Unit Dimensions W x H x D inches</b>     | 18.4" x 24.1" x 9.5"                      |
| <b>Inverter Weight</b>                      | 143 lbs                                   |
| <b>Shipping Weight</b>                      | 154 lbs                                   |
| <b>Cooling</b>                              | Forced Air / Sealed Electronics Enclosure |
| <b>Enclosure</b>                            | NEMA 3R                                   |
| <b>Mounting</b>                             | Wall Mount Bracket Standard               |
| <b>Ambient Temperature Range</b>            | -13 to +113 °F                            |

#### Warranty and Certifications

|                       |   |
|-----------------------|---|
| <b>Warranty</b>       | 10 year limited warranty  |
| <b>Certifications</b> | Compliance: IEEE-929, IEEE-1547, UL 1741-2005, UL 1998, FCC Part 15 A & B |



#### About SunPower

SunPower designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells generate up to 50 percent more power than conventional solar cells. Our high-performance solar panels, roof tiles and trackers deliver significantly more energy than competing systems.