

## 5000m, 6000m & 7000m INVERTERS

EXCEPTIONAL RELIABILITY AND PERFORMANCE

### 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



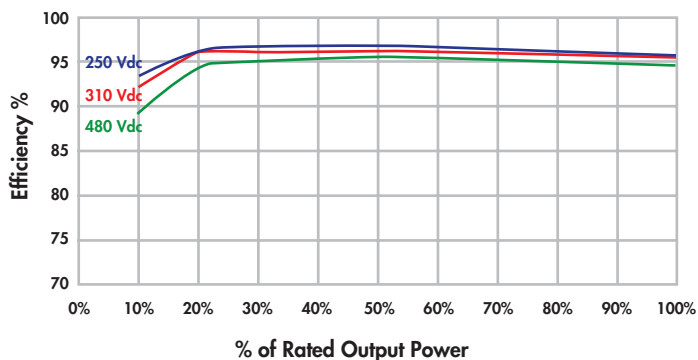
The SunPower inverters 5000m, 6000m & 7000m provide exceptional reliability and market-leading design flexibility. The SPRm line of Solar Inverters can be easily applied in residential or commercial installations. All models come with a 10-year warranty.



#### 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 211 – 264 V @ 240 VAC 244 – 305 V @ 277 VAC	183 – 229 V @ 208 VAC 211 – 264 V @ 240 VAC 244 – 305 V @ 277 VAC	183 – 229 V @ 208 VAC 211 – 264 V @ 240 VAC 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 95.5 % @ 240 V 95.5 % @ 277 V	95.5 % @ 208 V 95.5 % @ 240 V 96.0 % @ 277 V	96.0 % @ 208 V 96.0 % @ 240 V 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

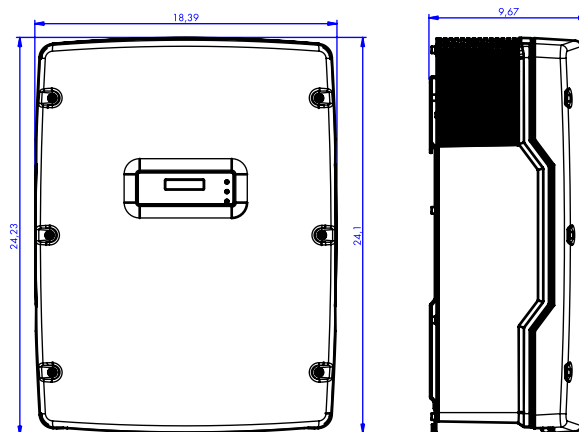


#### Mechanical Data

<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.