

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



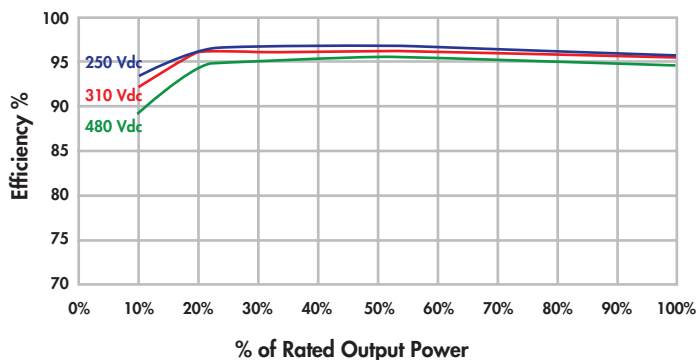
The SunPower inverters 5000m, 6000m & 7000m provide exceptional reliability and market-leading design flexibility. The SPRm line of Solar Inverters can be easily applied in residential or commercial installations. All models come with a 10-year warranty.



Electrical Data

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

SPRm Efficiency Curves

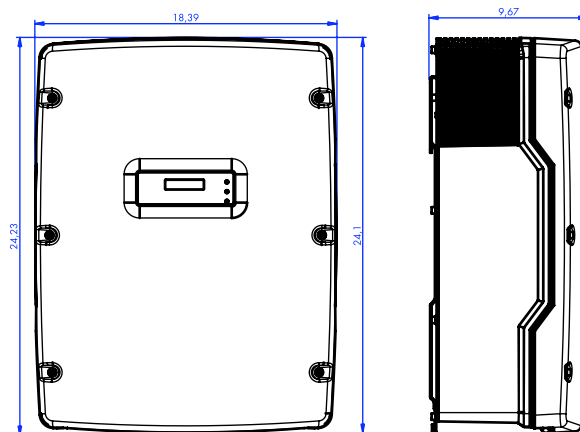


Mechanical Data

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

Warranty and Certifications

Warranty	10 year limited warranty
Certifications	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.