

SPRx HIGH EFFICIENCY INVERTERS

SunPower high performance photovoltaic (PV) string inverters offer high efficiency, low installed cost, clean design and high reliability.

FEATURES & BENEFITS

- Peak and average efficiency greater than 94% maximizes your PV investment
- Fast MPPT algorithm ensures maximum energy harvest from your array under any conditions
- Includes integrated lockable AC/DC disconnect that is NEC compliant as a DC disconnect
- Includes a lightweight and versatile mounting bracket that simplifies installation
- Modular design allows SunPower SPRx inverters with the same or different power levels to be mounted side-by-side using the wiring box as a wiring raceway
- Sealed inverter can be separated from the wiring box enclosure allowing DC/AC connections to remain intact
- Bright LED indicators provide system status at a glance
- LCD providing instantaneous feedback on power, energy production, PV array voltage and current and much more
- Works with all SunPower modules



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PHOTOVOLTAIC
POWER INVERTER

SUNPOWER

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ELECTRICAL SPECIFICATIONS

Model	SPR-3300x	SPR-3300x-208	SPR-4000x
Maximum AC Power Output	3300 W	3300 W	4000 W
AC Output Voltage (nominal)	240 VAC	208 VAC	240 VAC
AC Voltage Range	211-264 VAC	183-228 VAC	211-264 VAC
AC Frequency (nominal)	60 Hz	60 Hz	60 Hz
AC Frequency Range	59.3-60.5 Hz	59.3-60.5 Hz	59.3-60.5 Hz
Maximum Continuous Output Current	13.8 A	15.9 A	16.7 A
Current THD	< 3%	< 3%	< 3%
Power Factor	> 0.9	> 0.9	> 0.9
DC Input Voltage Range	195-600 VDC	195-600 VDC	195-600 VDC
Max DC current	18.5 Adc	18.5 Adc	22.1 Adc
Peak Power Tracking Voltage Range	195-550 VDC	195-550 VDC	195-550 VDC
Peak Inverter Efficiency	95.3%	94.6%	95.7%
CEC Efficiency	94.5%	94.0%	95.0%
Night Time Power Consumption	< 1 W	< 1 W	< 1W
Output Overcurrent Protection	20 A	25 A	25 A
Grounding	Positive ground for SunPower modules		

MECHANICAL SPECIFICATIONS

Operating Temperature Range	-13F to 149F (-25°C to +65°C)
Enclosure Type	NEMA3R (outdoor rated)
Unit Weight	49.0 to 51 lbs
Shipping Weight	57 to 59 lbs
Shipping Dimensions (HxWxD)	34.1 x 20.4 x 10.3" (86.6 x 51.8 x 26.2 cm)
Inverter Dimensions (HxWxD)	28.5 x 15.9 x 5.7" (72.4 x 40.3 x 14.6 cm)
Mounting	Wall Mount (mounting bracket included)

FEATURES

PV/Utility Disconnect	Eliminates need for external PV (DC) disconnect. Complies with UL and NEC requirements
Cooling	Convection cooled, no fan required
Display	Backlit, 2-line, 16-character Liquid Crystal Display provides instantaneous power, daily and lifetime energy production, PV array voltage and frequency, time online "selling" today and fault messages
Communications	RS 232 and Two Canbus RJ45 ports
Wiring Box	PV, utility, ground, and communications connections. Inverter can be separated from the wiring box
Warranty	10 years