



# SolarEdge Single Phase Inverters (Australia)

SE2200-AUS - SE6000-AUS



INVERTERS

## Specifically designed to work with power optimizers

- Superior efficiency (97.6%)
- Small, lightweight and easy to install
- Built-in module-level monitoring
- Internet connection through Ethernet or Wireless
- IP65 – Outdoor and indoor installation
- Fixed voltage inverter, DC/AC conversion only



# Single Phase Inverters

(Australia) SE2200-AUS - SE6000-AUS

	SE2200 -AUS	SE3000 -AUS	SE3500 -AUS	SE4000 -AUS	SE4600 -AUS	SE5000 -AUS	SE6000 -AUS	
<b>OUTPUT</b>								
Rated AC Power Output	2200	3000	3500	4000	4600	4985	6000	VA
Maximum AC Power Output	2200	3000	3500	4000	4600	4985	6000	VA
AC Output Voltage (Nominal)	220 / 230							Vac
AC Output Voltage Range	184 - 264.5							Vac
AC Frequency (Nominal)	50 / 60 ± 5							Hz
Maximum Continuous Output Current	12	16.5	19.5	22	25	27	27	A
Residual Current Detector / Residual Current Step Detector	300 / 30							mA
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes							
<b>INPUT</b>								
Recommended Maximum DC Power* (Module STC)	2400	3300	3900	4400	5100	5500	6600	W
Transformer-less, Ungrounded	Yes							
Maximum Input Voltage	500							Vdc
Nominal DC Input Voltage	350							Vdc
Maximum Input Current	8.5	11.5	13.5	15.5	17.5	19.5	23	Adc
Reverse-Polarity Protection	Yes							
Ground-Fault Isolation Detection	600kΩ Sensitivity							
Maximum Inverter Efficiency	97.6							%
European Weighted Efficiency	97.6	97.6	97.5	97.5	97.4	97.4	97.4	%
Nighttime Power Consumption	< 2.5							W
<b>ADDITIONAL FEATURES</b>								
Supported Communication Interfaces	RS485, RS232, Ethernet, Zigbee (optional)							
<b>STANDARD COMPLIANCE</b>								
Safety	IEC-62103 (EN50178), IEC-62109							
Grid Connection Standards	VDE 0126-1-1, VDE-AR-N-4105, AS-4777, RD-1663, DK 5940							
Emissions	IEC61000-6-2, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12, FCC part15 class B							
RoHS	Yes							
<b>INSTALLATION SPECIFICATIONS</b>								
AC Output	Cable Gland - diameter 9-16							mm
DC Input	1 MC4 pair			2 MC4 pairs				
Dimensions (HxWxD)	540 x 315 x 172			540 x 315 x 191				mm
Weight	20.2			21.7				kg
Cooling	Natural Convection							
Noise	< 50							dBA
Operating Temperature Range	-20 - +50 (M40 version -40 - +50)							°C
Protection Rating	IP65 - Outdoor and Indoor							
Bracket Mounted (Bracket Provided)								

\*\* Higher input DC power may be installed; analyze yearly AC performance.

