



## 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)	3000	3750	4350	5000	5750	6250	7500	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)								

\* Limited to 125% for locations where the yearly average high temperature is above 25°C and to 135% for locations where it is below 25°C. For detailed information, refer to [http://www.solaredge.us/files/pdfs/inverter\\_dc\\_oversizing\\_guide.pdf](http://www.solaredge.us/files/pdfs/inverter_dc_oversizing_guide.pdf)

