



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	
OUTPUT								
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			
INPUT								
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
ADDITIONAL FEATURES								
Supported Communication Interfaces					RS485, RS232, Ethernet, Zigbee (optional)			
STANDARD COMPLIANCE								
Safety					IEC-62103 (EN50178), IEC-62109, AS-3100			
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			
INSTALLATION SPECIFICATIONS								
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					<25			dBA
Operating Temperature Range					-20 - +50			°C
Protection Rating					IP65 - Outdoor and Indoor			
Bracket Mounted (Bracket Provided)								

* Limited to 135% of AC power.

