



SolarEdge Single Phase Inverters

(Australia)
SE2200 - SE6000



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
- Compatible with the StorEdge Interface for Smart Energy Management StorEdge™ applications



Single Phase Inverters

(Australia) SE2200 - SE6000⁽¹⁾

	SE2200	SE3000	SE3500	SE4000	SE4600	SE5000	SE6000	
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								
Maximum DC Power (Module STC)	2950	4050	4700	5400	6210	6750	8100	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 ⁽²⁾	RS485, Ethernet, ZigBee (optional), Wi-Fi (optional), Built-in GSM (optional)							
Smart Energy Management	Export Limitation, StorEdge applications							
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)								

⁽¹⁾ These specifications apply to inverters with Australian part numbers (SExxxx-AUxxxxxx or SExxxx-ER-01-AUS)

⁽²⁾ Refer to Datasheets -> Communications category in Downloads page for specifications of optional communication options: <http://www.solaredge.com/groups/support/downloads>

