



# SolarEdge Single Phase Inverters

(Australia)

SE2200 - SE7300

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
- Integrated DC Safety Unit - Eliminates the need for external DC isolators (SE7300 only)



# Single Phase Inverters

(Australia) SE2200 - SE7300<sup>(1)</sup>

	SE2200	SE3000	SE3500	SE4000	SE4600	SE5000	SE6000	SE7300		
<b>OUTPUT</b>										
Rated AC Power Output	2200	2500 <sup>(2)</sup>	3000	3500	4000	4600	4985	6000	7300	VA
Maximum AC Power Output	2200	2500 <sup>(2)</sup>	3000	3500	4000	4600	4985	6000	7300	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	14	16.5	19.5	22	25	27	27	32	A
Residual Current Detector / Residual Current Step Detector	300 / 30									mA
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes									
<b>INPUT</b>										
Maximum DC Power (Module STC)	2950	3375	4050	4700	5400	6210	6750	8100	9850	W
Transformer-less, Ungrounded Maximum Input Voltage	Yes									Vdc
Nominal DC Input Voltage	350									Vdc
Maximum Input Current	8.5	10	11.5	13.5	15.5	17.5	19.5	23	25	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	97.4	97.4	%
Nighttime Power Consumption	< 2.5									W
<b>ADDITIONAL FEATURES</b>										
Supported Communication Interfaces <sup>(3)</sup>	RS485, Ethernet, ZigBee (optional), Wi-Fi (optional), Built-in GSM (optional)									
Smart Energy Management	Export Limitation, StorEdge applications									
<b>STANDARD COMPLIANCE</b>										
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									
<b>INSTALLATION SPECIFICATIONS</b>										
AC Output	Cable Gland - diameter 9-16							See note <sup>(4)</sup>	mm	
DC Input	1 MC4 pair			2 MC4 pairs				See note <sup>(4)</sup>	mm	
Dimensions (HxWxD)	540 x 315 x 172			540 x 315 x 191				N/A	mm	
Dimensions including DC Safety Unit (HxWxD)	N/A			N/A				775 x 315 x 184	mm	
Weight	20.2			21.7				24.7	kg	
Cooling	Natural Convection									
Noise	<25									dBA
Operating Temperature Range	-20 - +50									°C
Protection Rating	IP65 - Outdoor and Indoor									
Bracket Mounted (Bracket Provided)										

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

<sup>(2)</sup> Factory limited to 2.5kVA; part number SE3000-AU00LNN2

<sup>(3)</sup> Refer to Datasheets -> Communications category in Downloads page for specifications of optional communication options: <http://www.solaredge.com/groups/support/downloads>

<sup>(4)</sup> Conduit opening size 19.05mm minimum; 12-6 AWG

