



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 for longer strings
- Smart Energy Management control
- Compatible with the StorEdge Interface for StorEdge™ applications
- Integrated DC Safety Unit - Eliminates the need for external DC isolators (SE7300 only)



Single Phase Inverters

(Australia) SE2200 - SE7300⁽¹⁾

	SE2200	SE3000	SE3500	SE4000	SE4600	SE5000	SE6000	SE7300		
OUTPUT										
Rated AC Power Output	2200	2500 ⁽²⁾	3000	3500	4000	4600	4985	6000	7300	VA
Maximum AC Power Output	2200	2500 ⁽²⁾	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
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes									
INPUT										
Maximum DC Power (Module STC)	2950	3375	4050	4700	5400	6210	6750	8100	9850	W
Additional DC Power for DC Coupled StorEdge Systems Transformer-less, Ungrounded	kWp equivalent of battery continuous power, and no more than 5kWp								None	
Maximum Input Voltage	Yes									Vdc
Nominal DC Input Voltage	500									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
ADDITIONAL FEATURES										
Supported Communication Interfaces ⁽³⁾	RS485, Ethernet, ZigBee (optional), Wi-Fi (optional), Built-in GSM (optional)									
Smart Energy Management	Export Limitation, Home Energy Management, StorEdge applications									
STANDARD COMPLIANCE										
Safety	IEC62109, AS/NZS3100									
Grid Connection Standards	AS/NZS4777:2015									
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							See note ⁽⁴⁾	mm	
DC Input	1 MC4 pair				2 MC4 pairs			See note ⁽⁴⁾	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 - +60 ⁽⁵⁾									°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⁾ Factory limited to 2.5kVA; part number SE3000-AU00LNN2

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

⁽⁴⁾ Conduit opening size 19.05mm minimum

⁽⁵⁾ For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note.pdf>

