



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⁽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 |
| 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 | 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 |
| ADDITIONAL FEATURES | | | | | | | | | | |
| Supported Communication Interfaces ⁽³⁾ | 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 | | | | | | | 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 - +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⁾ 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; 12-6 AWG

