

# Sentinel Dual (High Power) SDL 8000



| INPUT              |                     |
|--------------------|---------------------|
| Rated power        | 8000 VA             |
| Voltage            | 220-230-240         |
| Frequency          | 50/60 Hz $\pm$ 5 Hz |
| Power factor       | >0.98               |
| Current distortion | $\leq$ 5%           |

| BY PASS             |  |
|---------------------|--|
| Voltage tolerance   | 180÷264 Vac (selectable in Economy Mode and SMART ACTIVE Mode) |
| Frequency tolerance | Selected frequency $\pm$ 5% (user configurable)                |

| OUTPUT and INVERTER OUTPUT                          |                     |
|---|---------------------|
| Rated power   | 8000 VA             |
| Active power  | 7200 W              |
| Number phases                                       | 1                   |
| Crest factor (I <sub>peak</sub> /I <sub>rms</sub> ) | 3 : 1               |
| Waveform  | Sinewave            |
| Frequency   | 50/60 Hz selectable |
| Voltage distortion with non-linear load             | <5%                 |
| Voltage distortion with linear load                 | <3%                 |

| OVERLOAD TIMES     |       |
|--------------------|-------|
| 100% < Load < 110% | 1 min |
| Load > 150%        | 0.5 s |

| BATTERIES             |       |
|-----------------------|-------|
| Typical recharge time | 2÷4 h |

| ENVIRONMENTAL                            |   |
|--|---|
| Color                                    | Dark grey   |
| Safety compliance                        | EN 62040-1:2008; EN 62040-1/EC:2009; EN 62040-1/A1:2013 and Directive 2014/35/EU            |
| EMC compliance                           | EN 62040-2 and Directive 2014/30/EU   |
| Accessories provided                     | 2 output supply cables 10 A; 1 plug IEC-16 A; software; serial cable; tools for mimic panel |
| Protection rating                        | IP20  |
| Protections                              | Overload - short-circuit - overvoltage - undervoltage - temperature - low battery           |
| Line-Interactive/Smart Active efficiency | 98%   |
| Noise (at 1 m)                           | <45 dBA at 1 m  |
| Operating temperature                    | 0 ÷ 40 °C   |
| Relative humidity                        | <95% no condensing  |

| DATA               |                                      |
|--------------------|--------------------------------------|
| Weight             | 94 kg                                |
| Dimensions (h w d) | 2x(455x175x660)/2x175(4U)x483x660 mm |