

| | SPHERE S | | SQUARE S | | | TOWER S | |
|---|---|--------------|-------------------------------|-------------------|-----------------------|-------------------------------|-----------------------|
| General Specifications | SPHERE S 3.3 | SPHERE S 6.3 | SQUARE S 3.3 (PV) | SQUARE S 6.3 (PV) | SQUARE S 6.5 PV | TOWER S 12.3 (PV) | TOWER S 12.5 PV |
| IP degree | IP22 | | | | | | |
| Working temperature | -5°C to +40°C | | | | | | |
| Relative Humidity | 5% - 85% | | | | | | |
| Diameter | 730 mm | | 870 x 980 x 190 mm | | | 1880 x 740 x 190 mm | |
| Weight | 80 kg | 105 kg | 77 kg | 95 kg | 100 kg | 150 kg | 155 kg |
| Communication Ports | Ethernet, RS-485 MODBUS, USB, WiFi | | | | | | |
| Energy Management | EMS with AMPi software | | | | | | |
| Energy Meter | Bidirectional energy meter. RS-485 MODBUS. | | | | | | |
| Warranty | 10 years (except Inverter 5 years) | | | | | | |
| Battery Module | SPHERE S 3.3 | SPHERE S 6.3 | SQUARE S 3.3 (PV) | SQUARE S 6.3 (PV) | SQUARE S 6.5 PV | TOWER S 12.3 (PV) | TOWER S 12.5 PV |
| Usable capacity (kWh) | 3 kWh | 6 kWh | 3 kWh | 6 kWh | 6 kWh | 12 kWh | |
| Usable capacity (Ah) | 58 Ah | 116 Ah | 58 Ah | 116 Ah | 116 Ah | 232 Ah | |
| Depth of Discharge | 95% | | | | | | |
| Type | Li-Ion | | | | | | |
| Nominal voltage | 51,8 V | | | | | | |
| Working voltage | 42 - 58,8 V | | | | | | |
| Number of cycles (95% DoD, 25°C / 77°F) | > 6000 | | | | | | |
| Estimated lifetime | > 16 years | | | | | | |
| Power converter | SPHERE S 3.3 | SPHERE S 6.3 | SQUARE S 3.3 (PV) | SQUARE S 6.3 (PV) | SQUARE S 6.5 PV | TOWER S 12.3 (PV) | TOWER S 12.5 PV |
| Topology | Bidirectional inverter | | Bidirectional hybrid inverter | | | Bidirectional hybrid inverter | |
| Nominal power* | 3kW | | 3kW | | | 5kW | 3kW 5kW |
| MPPT Voltage** (PV version) | | | 330 - 450 V | | | 330 - 450 V | |
| Operating Voltage Range** (PV version) | | | 300 - 550 V | | | 300 - 550 V | |
| Maximum Current** (PV version) | | | 20A | | 30A | 20A | 30A |
| Number of strings** (PV version) | | | 2 | | | 2 | 2 |
| Number of MPPT** (PV version) | | | 1 | | | 1 | 1 |
| Nominal AC Voltage | 230 V _{RMS} | | 230 V _{RMS} | | | 230 V _{RMS} | |
| Nominal AC Current | 13 A _{RMS} | | 13 A _{RMS} | | 21.5 A _{RMS} | 13 A _{RMS} | 21.5 A _{RMS} |
| Nominal Frequency | 50/60 Hz | | 50/60 Hz | | | 50/60 Hz | |
| EMC, Safety and Regulations | SPHERE S 3.3 | SPHERE S 6.3 | SQUARE S 3.3 (PV) | SQUARE S 6.3 (PV) | SQUARE S 6.5 PV | TOWER S 12.3 (PV) | TOWER S 12.5 PV |
| Battery cells | IEC 62133 | | | | | | |
| Battery modules | CE / IEC 62619 | | | | | | |
| Transport | UN 38.3 | | | | | | |
| EMC/Safety | EN 61000-6-1/2/3/4, EN 61000-3-11/12, EN 62109-1/2, IEC 62103, EN 50178, FCC Part 15, AS3100, EN 61439-1:2011, EN 61439-2:2011 | | | | | | |
| Grid connection regulations | RD1699/2011, DIN V VDE V 0126-1, EN 50438, CEI 0-21, VDE-AR-N 4105:2011-8, G59/2, G83/2, AS4777.2, AS4777.3, IEC 62116, IEC 61727, UNE 206007-1, UNE 217001:2015 IN | | | | | | |

* Instantaneous power delivery is managed by the EMS (*Energy Management System*) depending on the available PV power and the battery status.

** PV input not available in non-PV versions

NOTE: PV version available for Square S 3.3, Square S 6.3 and Tower S 12.3. Denominations: Square S 3.3 PV, Square S 6.3 PV and Tower S 12.3 PV

DISCLAIMER: Dimensions and weight can be modified without previous notice in order to improve the product.