

| Version | | BOS 107 | BOS 114 |
|---|------------------|--|------------|
| General | | | |
| Power Storage size (gross) | kWh | 106,6 | 113,7 |
| Max. output power | VA | 45000 | 90000 |
| Max. total efficiency | % | n.a. | |
| Continuous charging power | VA | 28800 | 57600 |
| Connections | | 3x 230 V (AC in) 3x 230 V (AC out) 1x 48 V (DC) | |
| Cable cross section (max. 50m) | mm ² | 35 | 95 |
| Fuse | A | 80 | 160 |
| Suitable CHP unit power size ⁽¹⁾ | kW _{el} | 2.0 - 30.0 | 2.0 - 50.0 |
| PV connection | | Grid parallel | |
| Storage function | | Zero reference regulation via CHP | |
| Cooling | | Fan ventilation | |
| Operating modes | | Grid replacement, grid-forming isolated operation | |
| Measurements | | Per phase current- and power measurement | |
| Display | | LED display on the unit | |
| Protection class | | IP 20 | |
| Operating temperature | °C | 5-30 | |
| Humidity | % | max. 95 | |
| Unit consumption | W | 240 | 480 |
| Visualisation | | Panel CHP | |
| Weight | kg | 2416,17 | 3115,61 |
| Number of cabinets ⁽²⁾ | | 6 | 8 |
| Dimensions per cabinet (LxBxH) | | 911x802x1880 | |
| Tilt dimension (front lateral) | mm | 2078 2033 | |
| Manufacturer | | Inverter Victron | |
| Power | kW | 45 | 90 |
| Manufacturer | | Battery modules Pylontech | |
| Gross capacity | Wh | 30x 3552 | 32x 3552 |
| Operating voltage | V | 48 | |
| Cell type | | LiFePo4 | |
| Efficiency | % | 90-95 | |
| Safety | | Standards and directives VDE-AR-N 4105:2018-11 EN-IEC 60335-1, EN-IEC 60335-2-29 EN-IEC 62109-1, EN-IEC 62109-2 EN 55014-1, EN 55014-2 EN-IEC 61000-3-2, EN-IEC 61000-3-3 IEC 61000-6-1, IEC 61000-6-2, IEC 61000-6-3 | |
| Emissions | | | |

(1) Technical inspection by the manufacturer required

(2) It is imperative that the cabinets are positioned next to each other.

Deviating values depending on ambient and operating conditions.

Subject to technical modifications, design variations and errors.