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## SPECIFICATIONS

| System capacity                      |  | 10kW/12.5kWh  | 10kW/25kWh |  |
|--------------------------------------|--|---|------------|--|
| <b>INPUT PV</b>                      | Max.recommended PV panel power[W]        | 13kW  |            |  |
|                                      | Max.DC voltage[V]                        | 1000V   |            |  |
|                                      | Input voltage range[V]                   | 200-1000  |            |  |
|                                      | Norminal DC operating voltage[V]         | 620   |            |  |
|                                      | Max. input current(per mppt)[A]          | 12.5 / 12.5   |            |  |
|                                      | Max. short circuit current(per mppt)[A]  | 15.2 / 15.2   |            |  |
|                                      | MPPT voltage range[V]                    | 250-850V  |            |  |
|                                      | No. of MPP trackers                      | 2   |            |  |
|                                      | Strings per MPP tracker                  | 1+1   |            |  |
|                                      | <b>BATTERY</b>                           | Battery type  | LiFePO4    |  |
| Norminal module energy[kwh]          |  | 2.56kWh   |            |  |
| Module voltage range[V]              |  | 86.4V~112V  |            |  |
| Norminal cabinet energy[kwh]         |  | 12.5kWh   | 25kWh      |  |
| Cabinet voltage range[V]             |  | 432V~560V   |            |  |
| Norminal cabinet battery voltage [V] |  | 512   |            |  |
| Max.charge/discharge current[A]      |  | 14/20   | 25/25      |  |
| Communication interfaces             |  | RS485 / CAN   |            |  |
| Grid type                            |  | 3Φ 400Vac   |            |  |
| <b>OUTPUT AC</b>                     |  | Rated grid Frequency[Hz]  | 50/60      |  |
|                                      | Norminal AC outpout power[W]             | 10000   |            |  |
|                                      | Norminal AC output current[A]            | 15.2 / 14.4   |            |  |
|                                      | Max. AC output current[A]                | 16.5  |            |  |
|                                      | EPS rated voltage[V]                     | 400   |            |  |
|                                      | EPS rated Frequency[Hz]                  | 50Hz / 60Hz   |            |  |
|                                      | EPS rated power[VA]                      | 10000   |            |  |
|                                      | EPS peak power[VA]                       | 10000   |            |  |
| <b>EFFICIENCY</b>                    | Max. PV to AC efficiency                 | 98.2%   |            |  |
|                                      | Max. Battery to AC efficiency            | 97.5%   |            |  |
| <b>CERTIFICATION</b>                 | PCS Certifications                       | VDE-AR-N 4105, VDE V 0124, VDE V 0126-1-1, UTE C15-712-1, NRS 097-1-2, G98, G99, EN 50549-1/-2, RD 1699, UNE 206006, UNE 206007-1, CEI 0-21 |            |  |
|                                      | Battery safety certiifications           | IEC62619,UN38.3   |            |  |
| <b>ENVIRONMENT LIMIT</b>             | IP Level                                 | IP65(Inverter)<br>IP55(Battery)   |            |  |
|                                      | PCS operating temperature range[ C ]     | -35~60℃   |            |  |
|                                      | Battery operating temperature range[ C ] | 0-45  |            |  |
|                                      | Altitude[m]                              | 4000  |            |  |
|                                      | Noise emission(typical)[dB]              | <30   |            |  |
| <b>OTHERS</b>                        | Cooling concept                          | Natural convection  |            |  |
|                                      | Insulating method                        | Transformerless   |            |  |
|                                      | Communication                            | External:APP/Web<br>Battery:CAN2.0  |            |  |
|                                      | Warranty                                 | 5 years / 10 years(optional)  |            |  |
| <b>DIMENSIONS AND WEIGHT</b>         | Cabinet dimensions[mm]                   | 660*1650*260mm  |            |  |
|                                      | Cabinet weight[kg]                       | 195kg   |            |  |
|                                      | PCS dimensions[mm]                       | 516x415x180mm   |            |  |
|                                      | PCS weight [kg]                          | 25.1kg  |            |  |

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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