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SPECIFICATIONS

| System capacity | | 10kW/12.5kWh | 10kW/25kWh | |
|--------------------------------------|--|---|------------|--|
| INPUT PV | 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 | | |
| | BATTERY | 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 | | |
| OUTPUT AC | | 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 | | |
| EFFICIENCY | Max. PV to AC efficiency | 98.2% | | |
| | Max. Battery to AC efficiency | 97.5% | | |
| CERTIFICATION | 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 | | |
| ENVIRONMENT LIMIT | IP Level | IP65(Inverter) IP55(Battery) | | |
| | PCS operating temperature range[C] | -35~60℃ | | |
| | Battery operating temperature range[C] | 0-45 | | |
| | Altitude[m] | 4000 | | |
| | Noise emission(typical)[dB] | <30 | | |
| OTHERS | Cooling concept | Natural convection | | |
| | Insulating method | Transformerless | | |
| | Communication | External:APP/Web Battery:CAN2.0 | | |
| | Warranty | 5 years / 10 years(optional) | | |
| DIMENSIONS AND WEIGHT | 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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