


Certificate of Conformity

Certificate Number: CN-PVES-240055

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

| | |
|---|---|
| Applicant: | SUNWAY SOLAR CO., LTD. Building 7, Cross-border E-commerce Supervision Zone, Huguang Road, Shushan District, Hefei City, Anhui Province, China |
| Product: | Hybrid Inverter |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | SW*HP3EU2 (*=3K, 4K, 5K, 6K, 8K, 10K, 12K, 15K, 17K, 20K, 25K, 30K) SW*HP3-EU (*=3K, 4K, 5K, 6K, 8K, 10K, 12K) SW*HP3US2 (*=3K, 4K, 5K, 6K, 8K, 10K, 12K, 15K, 17K) SW*HP3US4 (*=3K, 4K, 5K, 6K) |
| Brand Name<s>: |  |
| Product Complies with: | EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks |
| Certificate Issuing Office Name & Address: | Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012 |
| Test Report No.<s>: | 2401B0687SHA-001 |

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 21 February 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240055

Ratings & Principal Characteristics:

| Specifications table | | | | | |
|--|---|----------------|----------------|----------------|----------------|
| Model | SW3KHP3E U2 | SW4KHP3E U2 | SW5KHP3E U2 | SW6KHP3E U2 | SW8KHP3E U2 |
| Input | | | | | |
| Ppv Max (kW) | 5 | 6 | 7.5 | 9 | 12 |
| Vmax PV (V) | 1000 | 1000 | 1000 | 1000 | 1000 |
| Isc PV (absolute Max.) (A) | 30*2 | 30*2 | 30*2 | 30*2 | 30*2 |
| Number of MPP trackers | 2 | 2 | 2 | 2 | 2 |
| Number of input strings | 1/1 | 1/1 | 1/1 | 1/1 | 1/1 |
| Max. PV input range (A) | 20*2 | 20*2 | 20*2 | 20*2 | 20*2 |
| MPPT Voltage Range (V) | 150-850 | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (V) | 200-850 | 200-850 | 200-850 | 250-850 | 300-850 |
| Battery (input and output) | | | | | |
| Battery type | Li-ion / lead acid etc. | | | | |
| Battery Voltage Range (V) | 150-800 (Field adapt battery voltage range) | | | | |
| Max. Charge/Discharge Current (A) | 30 | 30 | 30 | 30 | 30 |
| Max. Charge/Discharge Power (kW) | 3 | 4 | 5 | 6 | 8 |
| AC Grid (input and output) | | | | | |
| Nominal Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 8 / 5.3 | 10.5 / 7 | 13 / 8.5 | 16 / 10.5 | 20 / 13.5 |
| Nominal Power (kW) | 3 | 4 | 5 | 6 | 8 |
| Max. Power (kW) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 | 12 / 8.8 |
| Max. apparent Power (kVA) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 | 12 / 8.8 |
| Power Factor | 1(-0.8~+0.8 adjustable) | | | | |
| AC Load output | | | | | |
| Nominal Output Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 5.3 | 7 | 8.5 | 10.5 | 13.5 |
| Nominal Output Power(kW) | 3 | 4 | 5 | 6 | 8 |
| Max. Output Power (kW) | 3 | 4 | 5 | 6 | 8 |
| Max. apparent Power (kVA) | 3 | 4 | 5 | 6 | 8 |
| Power Factor | 1 | | | | |
| others | | | | | |
| Ingress protection (IP) | IP65 | | | | |
| Temperature (°C) | -25°C to +60°C (Derating45°C) | | | | |
| Inverter Isolation | Non-isolated | | | | |
| Firmware Version | 1.01 | | | | |

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APPENDIX: Certificate of Conformity

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Ratings & Principal Characteristics:

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|--|---|-----------------|-----------------|-----------------|-----------------|
| Model | SW10KHP3 EU2 | SW12KHP3 EU2 | SW15KHP3 EU2 | SW17KHP3 EU2 | SW20KHP3 EU2 |
| Input | | | | | |
| Ppv Max (kW) | 15 | 18 | 22.5 | 25.5 | 30 |
| Vmax PV (V) | 1000 | 1000 | 1000 | 1000 | 1000 |
| Isc PV (absolute Max.) (A) | 30*2 | 30*2 | 30+48 | 48*2 | 48*2 |
| Number of MPP trackers | 2 | 2 | 2 | 2 | 2 |
| Number of input strings | 1/1 | 1/1 | 1/2 | 2/2 | 2/2 |
| Max. PV input range (A) | 20*2 | 20*2 | 20+32 | 32*2 | 32*2 |
| MPPT Voltage Range (V) | 150-850 | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (V) | 500-850 | 500-850 | 500-850 | 500-850 | 500-850 |
| Battery (input and output) | | | | | |
| Battery type | Li-ion / lead acid etc. | | | | |
| Battery Voltage Range (V) | 150-800 (Field adapt battery voltage range) | | | | |
| Max. Charge/Discharge Current (A) | 30 | 30 | 50 | 50 | 50 |
| Max. Charge/Discharge Power (kW) | 10 | 12 | 15 | 17 | 20 |
| AC Grid (input and output) | | | | | |
| Nominal Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 26 / 17 | 32 / 21.5 | 40.5 / 27 | 45 / 30 | 48 / 32 |
| Nominal Power (kW) | 10 | 12 | 15 | 17 | 20 |
| Max. Power (kW) | 15 / 11 | 18 / 13.2 | 22.5 / 16.5 | 25.5 / 18.7 | 30 / 22 |
| Max. apparent Power (kVA) | 15 / 11 | 18 / 13.2 | 22.5 / 16.5 | 25.5 / 18.7 | 30 / 22 |
| Power Factor | 1(-0.8~+0.8 adjustable) | | | | |
| AC Load output | | | | | |
| Nominal Output Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 17 | 21.5 | 27 | 30 | 32 |
| Nominal Output Power(kW) | 10 | 12 | 15 | 17 | 20 |
| Max. Output Power (kW) | 10 | 12 | 15 | 17 | 20 |
| Max. apparent Power (kVA) | 10 | 12 | 15 | 17 | 20 |
| Power Factor | 1 | | | | |
| others | | | | | |
| Ingress protection (IP) | IP65 | | | | |
| Temperature (°C) | -25°C to +60°C (Derating45°C) | | | | |
| Inverter Isolation | Non-isolated | | | | |
| Firmware Version | 1.01 | | | | |

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APPENDIX: Certificate of Conformity

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Ratings & Principal Characteristics:

| Specifications table | | | | | |
|--|---|-----------------|--|--|--|
| Model | SW25KHP3 EU2 | SW30KHP3 EU2 | | | |
| Input | | | | | |
| Ppv Max (kW) | 37.5 | 45 | | | |
| Vmax PV (V) | 1000 | 1000 | | | |
| Isc PV (absolute Max.) (A) | 60*2 | 60*2 | | | |
| Number of MPP trackers | 2 | 2 | | | |
| Number of input strings | 2/2 | 2/2 | | | |
| Max. PV input range (A) | 40*2 | 40*2 | | | |
| MPPT Voltage Range (V) | 150-850 | 150-850 | | | |
| Vdc range @ full power (V) | 500-850 | 500-850 | | | |
| Battery (input and output) | | | | | |
| Battery type | Li-ion / lead acid etc. | | | | |
| Battery Voltage Range (V) | 150-800 (Field adapt battery voltage range) | | | | |
| Max. Charge/Discharge Current (A) | 60 | 60 | | | |
| Max. Charge/Discharge Power (kW) | 25 | 30 | | | |
| AC Grid (input and output) | | | | | |
| Nominal Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 60 / 40 | 72 / 48 | | | |
| Nominal Power (kW) | 25 | 30 | | | |
| Max. Power (kW) | 37.5 / 27.5 | 45 / 33 | | | |
| Max. apparent Power (kVA) | 37.5 / 27.5 | 45 / 33 | | | |
| Power Factor | 1(-0.8~+0.8 adjustable) | | | | |
| AC Load output | | | | | |
| Nominal Output Voltage (V) | 3P+N+PE/3P+PE 230/400 | | | | |
| Nominal Frequency (Hz) | 50 | | | | |
| Max. continuous Input/output Current (A) | 40 | 48 | | | |
| Nominal Output Power(kW) | 25 | 30 | | | |
| Max. Output Power (kW) | 25 | 30 | | | |
| Max. apparent Power (kVA) | 25 | 30 | | | |
| Power Factor | 1 | | | | |
| others | | | | | |
| Ingress protection (IP) | IP65 | | | | |
| Temperature (°C) | -25°C to +60°C (Derating45°C) | | | | |
| Inverter Isolation | Non-isolated | | | | |
| Firmware Version | 1.01 | | | | |

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Ratings & Principal Characteristics:

| Specifications table | | | | |
|--|---|------------|------------|------------|
| Model | SW3KHP3-EU | SW4KHP3-EU | SW5KHP3-EU | SW6KHP3-EU |
| PV input | | | | |
| P pv Max(kW) | 5 | 6 | 7.5 | 9 |
| Vmax PV (Vdc) (absolute Max.) | 1000 | 1000 | 1000 | 1000 |
| Isc PV (absolute Max.) (A) | 30*2 | 30*2 | 30*2 | 30*2 |
| Number MPP trackers | 2 | 2 | 2 | 2 |
| Number input strings | 1/1 | 1/1 | 1/1 | 1/1 |
| Max. PV input current (A) | 20*2 | 20*2 | 20*2 | 20*2 |
| MPPT voltage range (Vdc) | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (Vdc) | 200-850 | 200-850 | 200-850 | 250-850 |
| Battery (charge/discharge) | | | | |
| Battery type | Li-ion/Lead-acid | | | |
| Battery Normal Voltage (Range) (Vdc) | 80-600(Field adapt battery voltage range) | | | |
| Max charge/discharge Current(A) | 50 | 50 | 50 | 50 |
| Max charge/discharge Power(kW) | 3 | 4 | 5 | 6 |
| AC Grid (input and output) | | | | |
| Normal AC Voltage (VAC) | 3P+N+PE/3P+PE 230/400 | | | |
| Frequency (Hz) | 50 | | | |
| Normal AC Current (A) | 4.4 | 5.8 | 7.3 | 8.7 |
| Max. cont. input/output current (A) | 8 / 5.3 | 10.5 / 7 | 13 / 8.5 | 16 / 10.5 |
| Rated Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. input/output Power (kW) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Max. cont. Apparent input/output Power (KVA) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | | |
| AC Load output (stand alone) | | | | |
| Normal Voltage (VAC) | 3P+N+PE/3P+PE 230/400 | | | |
| Frequency (Hz) | 50 | | | |
| Nominal Current (A) | 4.4 | 5.8 | 7.3 | 8.7 |
| Max. cont. current (A) | 5.3 | 7 | 8.5 | 10.5 |
| Max. cont. Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Power factor | 1.0 | | | |
| Others | | | | |
| Ingress protection (IP) | IP65 | | | |
| Protective class | Class I | | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | | |
| Inverter Isolation | Non-isolated (PV-AC-BAT) | | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | | |
| Firmware Version | 1.01 | | | |
| Software Version | V01 | | | |

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Ratings & Principal Characteristics:

| Specifications table | | | |
|--|---|--|-------------|
| Model | SW8KHP3-EU | SW10KHP3-EU | SW12KHP3-EU |
| PV input | | | |
| P _{pv} Max(kW) | 12 | 15 | 18 |
| V _{max} PV (Vdc) (absolute Max.) | 1000 | 1000 | 1000 |
| I _{sc} PV (absolute Max.) (A) | 30*2 | 30*2 | 30*2 |
| Number MPP trackers | 2 | 2 | 2 |
| Number input strings | 1/1 | 1/1 | 1/1 |
| Max. PV input current (A) | 20*2 | 20*2 | 20*2 |
| MPPT voltage range (Vdc) | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (Vdc) | 300-850 | 500-850 | 500-850 |
| Battery (charge/discharge) | | | |
| Battery type | Li-ion/Lead-acid | | |
| Battery Normal Voltage (Range) (Vdc) | 80-600(Field adapt battery voltage range) | 120-650(Field adapt battery voltage range) | |
| Max charge/discharge Current(A) | 50 | 50 | 50 |
| Max charge/discharge Power(kW) | 8 | 10 | 12 |
| AC Grid (input and output) | | | |
| Normal AC Voltage (VAC) | 3P+N+PE/3P+PE 230/400 | | |
| Frequency (Hz) | 50 | | |
| Normal AC Current (A) | 11.6 | 14.5 | 17.4 |
| Max. cont. input/output current (A) | 20 / 13.5 | 26 / 17 | 32 / 21.5 |
| Rated Power (kW) | 8 | 10 | 12 |
| Rated Apparent Power (kVA) | 8 | 10 | 12 |
| Max. cont. input/output Power (kW) | 12 / 8.8 | 15 / 11 | 18 / 13.2 |
| Max. cont. Apparent input/output Power (kVA) | 12 / 8.8 | 15 / 11 | 18 / 13.2 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | |
| AC Load output (stand alone) | | | |
| Normal Voltage (VAC) | 3P+N+PE/3P+PE 230/400 | | |
| Frequency (Hz) | 50 | | |
| Nominal Current (A) | 11.6 | 14.5 | 17.4 |
| Max. cont. current (A) | 13.5 | 17 | 21.5 |
| Max. cont. Power (kW) | 8 | 10 | 12 |
| Rated Apparent Power (kVA) | 8 | 10 | 12 |
| Max. cont. Apparent Power (kVA) | 8 | 10 | 12 |
| Power factor | 1.0 | | |
| Others | | | |
| Ingress protection (IP) | IP65 | | |
| Protective class | Class I | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | |
| Inverter Isolation | Non-isolated (PV-AC-BAT) | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | |
| Firmware Version | 1.01 | | |
| Software Version | V01 | | |

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Ratings & Principal Characteristics:

| Specifications table | | | | |
|--|--|------------|------------|------------|
| Model | SW3KHP3US2 | SW4KHP3US2 | SW5KHP3US2 | SW6KHP3US2 |
| PV input | | | | |
| P pv Max(kW) | 5 | 6 | 7.5 | 9 |
| Vmax PV (Vdc) (absolute Max.) | 1000 | 1000 | 1000 | 1000 |
| Isc PV (absolute Max.) (A) | 30*2 | 30*2 | 30*2 | 30*2 |
| Number MPP trackers | 2 | 2 | 2 | 2 |
| Number input strings | 1/1 | 1/1 | 1/1 | 1/1 |
| Max. PV input current (A) | 20*2 | 20*2 | 20*2 | 20*2 |
| MPPT voltage range (Vdc) | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (Vdc) | 200-850 | 200-850 | 200-850 | 200-850 |
| Battery (charge/discharge) | | | | |
| Battery type | Li-ion/Lead-acid | | | |
| Battery Normal Voltage Range (Vdc) | 150-600(Field adapt battery voltage range) | | | |
| Max charge/discharge Current(A) | 30 | 30 | 30 | 30 |
| Max charge/discharge Power(kW) | 3 | 4 | 5 | 6 |
| AC Grid (input and output) | | | | |
| Normal AC Voltage (VAC) | 3P+PE/3P 133/230 | | | |
| Frequency (Hz) | 50 | | | |
| Normal AC Current (A) | 7.6 | 10.1 | 12.6 | 15.1 |
| Max. cont. input/output current (A) | 16 / 10.5 | 20 / 13.5 | 26 / 17 | 32 / 21.5 |
| Rated Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. input/output Power (kW) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Max. cont. Apparent input/output Power (kVA) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | | |
| AC Load output (stand alone) | | | | |
| Normal Voltage (VAC) | 3P+PE/3P 133/230 | | | |
| Frequency (Hz) | 50 | | | |
| Nominal Current (A) | 7.6 | 10.1 | 12.6 | 15.1 |
| Max. cont. current (A) | 10.5 | 13.5 | 17 | 21.5 |
| Max. cont. Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Others | | | | |
| Ingress protection (IP) | IP65 | | | |
| Protective class | Class I | | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | | |
| Inverter Isolation | Non-isolated (PV - AC - BAT) | | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | | |
| Firmware | 1.01 | | | |
| Software Version | V01 | | | |

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|--|---|------------|------------|------------|
| Model | SW3KHP3US4 | SW4KHP3US4 | SW5KHP3US4 | SW6KHP3US4 |
| PV input | | | | |
| P pv Max(kW) | 5 | 6 | 7.5 | 9 |
| Vmax PV (Vdc) (absolute Max.) | 1000 | 1000 | 1000 | 1000 |
| Isc PV (absolute Max.) (A) | 30*2 | 30*2 | 30*2 | 30*2 |
| Number MPP trackers | 2 | 2 | 2 | 2 |
| Number input strings | 1/1 | 1/1 | 1/1 | 1/1 |
| Max. PV input current (A) | 20*2 | 20*2 | 20*2 | 20*2 |
| MPPT voltage range (Vdc) | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (Vdc) | 200-850 | 200-850 | 200-850 | 200-850 |
| Battery (charge/discharge) | | | | |
| Battery type | Li-ion/Lead-acid | | | |
| Battery Normal Voltage Range (Vdc) | 80-600(Field adapt battery voltage range) | | | |
| Max charge/discharge Current(A) | 50 | 50 | 50 | 50 |
| Max charge/discharge Power(kW) | 3 | 4 | 5 | 6 |
| AC Grid (input and output) | | | | |
| Normal AC Voltage (VAC) | 3P+PE/3P 133/230 | | | |
| Frequency (Hz) | 50 | | | |
| Normal AC Current (A) | 7.6 | 10.1 | 12.6 | 15.1 |
| Max. cont. input/output current (A) | 16 / 10.5 | 20 / 13.5 | 26 / 17 | 32 / 21.5 |
| Rated Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. input/output Power (kW) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Max. cont. Apparent input/output Power (kVA) | 4.5 / 3.3 | 6 / 4.4 | 7.5 / 5.5 | 9 / 6.6 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | | |
| AC Load output (stand alone) | | | | |
| Normal Voltage (VAC) | 3P+PE/3P 133/230 | | | |
| Frequency (Hz) | 50 | | | |
| Nominal Current (A) | 7.6 | 10.1 | 12.6 | 15.1 |
| Max. cont. current (A) | 10.5 | 13.5 | 17 | 21.5 |
| Max. cont. Power (kW) | 3 | 4 | 5 | 6 |
| Rated Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Max. cont. Apparent Power (kVA) | 3 | 4 | 5 | 6 |
| Others | | | | |
| Ingress protection (IP) | IP65 | | | |
| Protective class | Class I | | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | | |
| Inverter Isolation | Non-isolated (PV - AC - BAT) | | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | | |
| Firmware | 1.01 | | | |
| Software Version | V01 | | | |

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240055

Ratings & Principal Characteristics:

| Specifications table | | | | | |
|--|--|-----------------|-----------------|-----------------|-----------------|
| Model | SW8KHP3 US2 | SW10KHP 3US2 | SW12KHP 3US2 | SW15KHP 3US2 | SW17KHP3 US2 |
| PV input | | | | | |
| P _{pv} Max(kW) | 12 | 15 | 18 | 22.5 | 25.5 |
| V _{max} PV (Vdc) (absolute Max.) | 1000 | 1000 | 1000 | 1000 | 1000 |
| I _{sc} PV (absolute Max.) (A) | 30+48 | 48*2 | 48*2 | 60*2 | 60*2 |
| Number MPP trackers | 2 | 2 | 2 | 2 | 2 |
| Number input strings | 1/2 | 2/2 | 2/2 | 2/2 | 2/2 |
| Max. PV input current (A) | 20+32 | 32*2 | 32*2 | 40*2 | 40*2 |
| MPPT voltage range (Vdc) | 150-850 | 150-850 | 150-850 | 150-850 | 150-850 |
| Vdc range @ full power (Vdc) | 200-850 | 200-850 | 250-850 | 300-850 | 300-850 |
| Battery (charge/discharge) | | | | | |
| Battery type | Li-ion/Lead-acid | | | | |
| Battery Normal Voltage Range (Vdc) | 150-600(Field adapt battery voltage range) | | | | |
| Max charge/discharge Current(A) | 50 | 50 | 50 | 60 | 60 |
| Max charge/discharge Power(kW) | 8 | 10 | 12 | 15 | 17 |
| AC Grid (input and output) | | | | | |
| Normal AC Voltage (VAC) | 3P+PE/3P 133/230 | | | | |
| Frequency (Hz) | 50 | | | | |
| Normal AC Current (A) | 20.1 | 25.1 | 30.1 | 37.6 | 42.7 |
| Max. cont. input/output current (A) | 40.5 / 27 | 45 / 30 | 48 / 32 | 60 / 40 | 72 / 48 |
| Rated Power (kW) | 8 | 10 | 12 | 15 | 17 |
| Rated Apparent Power (kVA) | 8 | 10 | 12 | 15 | 17 |
| Max. cont. input/output Power (kW) | 12 / 8.8 | 15 / 11 | 18 / 13.2 | 22.5 / 16.5 | 25.5 / 18.7 |
| Max. cont. Apparent input/output Power (kVA) | 12 / 8.8 | 15 / 11 | 18 / 13.2 | 22.5 / 16.5 | 25.5 / 18.7 |
| Power factor(adjustable) | 1.0(-0.8~ +0.8) | | | | |
| AC Load output (stand alone) | | | | | |
| Normal Voltage (VAC) | 3P+PE/3P 133/230 | | | | |
| Frequency (Hz) | 50 | | | | |
| Nominal Current (A) | 20.1 | 25.1 | 30.1 | 37.6 | 42.7 |
| Max. cont. current (A) | 27 | 30 | 32 | 40 | 48 |
| Max. cont. Power (kW) | 8 | 10 | 12 | 15 | 17 |
| Rated Apparent Power (kVA) | 8 | 10 | 12 | 15 | 17 |
| Max. cont. Apparent Power (kVA) | 8 | 10 | 12 | 15 | 17 |
| Others | | | | | |
| Ingress protection (IP) | IP65 | | | | |
| Protective class | Class I | | | | |
| Temperature (°C) | -25°C to +60°C (Derating 45°C) | | | | |
| Inverter Isolation | Non-isolated (PV - AC - BAT) | | | | |
| Overvoltage category | OVC III (AC Main), OVC II (PV) | | | | |
| Firmware | 1.01 | | | | |
| Software Version | V01 | | | | |

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