

| Make | Model | Inverter/ Equipment | Test House | Certificate date | Valid until | Report number | Certificate compliance number | NRS 097-2-1: 2017 Ed2 Certification | NRS 097-2-1: 2017 Ed2.1 Certification | Comments |
|----------------|----------------------------|------------------------------|---------------------------|------------------|-------------|-------------------------------|-------------------------------|-------------------------------------|---------------------------------------|---|
| ABB | TRIO-TM-50.0-400 | Grid-tied PV inverter | TUV Rheinland | 2019/07/15 | | 28110633 031 | AK 60141064 0001 | Yes | | Inverter may only be used in plants according to Category A3: 100 KVA-1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| ABB | PVS - 50 - TL | Grid-tied PV inverter | TUV Rheinland | 2020/01/22 | | 28111830 029 | AK 60146346 0001 | Yes | | Inverter may only be used in plants according to Category A3: 100 KVA-1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| ABB | PVS - 50 - TL - S | Grid-tied PV inverter | TUV Rheinland | 2020/01/22 | | 28111830 029 | AK 60146346 0001 | Yes | | |
| ABB | PVS - 50 - TL - SX | Grid-tied PV inverter | TUV Rheinland | 2020/01/22 | | 28111830 029 | AK 60146346 0001 | Yes | | |
| ABB | PVS - 50 - TL - SX2 | Grid-tied PV inverter | TUV Rheinland | 2020/01/22 | | 28111830 029 | AK 60146346 0001 | Yes | | |
| ABB | PVS-100-TL | Grid-tied PV inverter | TUV Rheinland | 2019/11/29 | | 28110923 035 | AK 60144898 0001 | Yes | | Inverter may only be used in plants according to Category A3: 100 KVA-1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| ABB | REACT2-UNO-3.6-TL | Grid-tied PV inverter | TUV Rheinland | 2018/11/07 | | 28111587 003 | AK 60134062 0001 | Yes | | A maximum of three REACT2-Batt may be used in combination with this inverter unit. |
| ABB | REACT2-UNO-5.0-TL | Grid-tied PV inverter | TUV Rheinland | 2018/11/07 | | 28111587 003 | AK 60134062 0001 | Yes | | |
| ABB | CM-UFD.M31 relay | Network & System relay | TÜV SÜD | 2014/11/06 | | F4-44254-48401-01 (Edition 2) | D8 14 10 44254 006 | No | No | Network and system grid protection voltage and frequency relay only in accordance with DIN VDE 0216-1-1:2013 and VDE-AR-N 4105:2011. Must be programmed to NRS 097-2-1 or the applicable South African Grid Codes and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list. |
| Afore | HNS3000HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS3600HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS4000HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS4600HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS5000HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS5500HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS6000HS | Hybrid PV inverter grid-tied | Dekra | 2020/09/17 | | 6076139.50 | 6076139.01AOC | Yes | Yes | |
| Afore | HNS3000HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS3600HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS4000HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS4600HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS5000HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS5500HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Afore | HNS6000HS-HV | Hybrid PV inverter grid-tied | Dekra | 2020/09/18 | | 6076141.50 | 6076141.01AOC V1.1 | Yes | Yes | |
| Atess | HPS 30 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/10/09 | | BL-DG2080269B01 | BL-DG2080269D01 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer. |
| Atess | HPS 50 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/10/09 | | BL-DG2080269B01 | BL-DG2080269D01 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer. |
| Atess | HPS100 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/10/09 | | BL-DG2080269B02 | BL-DG2080269D02 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer. |
| Atess | HPS120 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/10/09 | | BL-DG2080269B02 | BL-DG2080269D02 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer. |
| Atess | HPS150 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/10/09 | | BL-DG2080269B02 | BL-DG2080269D02 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer. |
| Alpha | SMILE5-INV | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/03/22 | | ABYD-19JA1440FCSHP | U19-0178 | Yes | Yes | |
| Alpha | Storion-SMILE-B3 | Hybrid PV inverter grid-tied | Bureau Veritas | 2020/08/19 | | ABYD-ESH-P20071636 | U20-0680 | Yes | Yes | |
| Canadian Solar | CSI-20, 25 and 30KTL-GI-FL | Grid-tied PV inverter | TUV Rheinland | 2018/05/07 | | 50128276 002 | AK 50406933 0001 | Yes | Yes | |
| Canadian Solar | CSI-40KTL-GI-FL | Grid-tied PV inverter | TUV Rheinland | 2018/05/03 | | 50131287 002 | AK 50406675 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-50KTL-GI | Grid-tied PV inverter | TUV Rheinland | 2018/05/03 | | 50131287 002 | AK 50406675 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-25K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/04/13 | | 50344275 002 | AK 50464349 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-30K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/04/13 | | 50344275 002 | AK 50464349 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-33K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/04/13 | | 50344275 002 | AK 50464349 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-36K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/04/13 | | 50344275 002 | AK 50464349 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI-40K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/04/13 | | 50344275 002 | AK 50464349 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI 75 K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/10/21 | | 50376758 002 | AK 50483986 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI 80 K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/10/21 | | 50376758 002 | AK 50483986 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI 100 K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/10/21 | | 50376758 002 | AK 50483986 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Canadian Solar | CSI 110 K-T400GL02-E | Grid-tied PV inverter | TUV Rheinland | 2020/10/21 | | 50376758 002 | AK 50483986 0001 | Yes | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Deye | SUN-8K-SG01P1-EU | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |

| | | | | | | | | | | |
|----------------|-----------------------|----------------------------------|---------------------------|------------|--|------------------------------|----------------------|-----|-----|---|
| Deye | SUN-7.6K-SG01LP1-EU | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |
| Deye | SUN-6KSG01LP1-EU | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |
| Deye | SUN-5K-SG01LP1-EU | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |
| Deye | SUN-3.6K-SG01LP1-EU | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |
| Deye | SUN-8KSG01LP1-EU-B | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BL-DG19C0016-B01 | BL-DG19C0016D02 | Yes | Yes | |
| Deye | SUN-7.6K-SG01LP1-EU-B | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BLDG19C0016-B01 | BL-DG19C0016D02 | | | |
| Deye | SUN-6K-SG01LP1-EU-B | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BLDG19C0016-B01 | BL-DG19C0016D02 | Yes | | |
| Deye | SUN-5K-SG01LP1-EU-B | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BLDG19C0016-B01 | BL-DG19C0016D02 | Yes | | |
| Deye | SUN-3.6K-SG01LP1-EU-B | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/03/04 | | BLDG19C0016-B01 | BL-DG19C0016D02 | Yes | | |
| Eaton | XSTH1P036PO48V01 | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/12/10 | | PVZA 190716C26 163818-743394 | U19-0642 | Yes | | |
| Eaton | XSTH1P036PO48V01 | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/12/10 | | PVZA 190716C26 163818-743394 | U19-0642 | Yes | | |
| Eaton | XSTH1P036PO48V01 | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/12/10 | | PVZA 190716C26 163818-743394 | U19-0642 | Yes | | |
| Enphase Energy | IQ7A-72-V-W-Y-Z | Grid-tied PV inverter | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Enphase Energy | IQ7X-96-V-W-Y-Z | Grid-tied PV inverter | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Enphase Energy | IQ7PLUS-72-V-W-Y-Z | Grid-tied PV inverter | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Enphase Energy | IQ7-60-V-W-Y-Z | Grid-tied PV inverter | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Enphase Energy | Q-RELAY-1P-INT | Disconnect device | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Enphase Energy | Q-RELAY-3P-INT | Disconnect device | En Test | 2020/11/06 | | P2020082402 | COCP2020082402 | Yes | | |
| Fronius | Primo 3.0-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 3.5-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 3.6-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 4.0-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 4.6-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 5.0-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 6.0-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Primo 8.2-1 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 003 | AK 60152048 0001 | Yes | | |
| Fronius | Symo 10.0-3 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 005 | AK 60152049 0001 | Yes | | |
| Fronius | Symo 12.5-3 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 005 | AK 60152049 0001 | Yes | | |
| Fronius | Symo 15.0-3 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 005 | AK 60152049 0001 | Yes | | |
| Fronius | Symo 17.5-3 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 005 | AK 60152049 0001 | Yes | | |
| Fronius | Symo 20.0-3 | Grid-tied PV inverter | TUV Rheinland | 2020/09/22 | | 28119635 005 | AK 60152049 0001 | Yes | | |
| Goodwe | GW3648D-ES | Hybrid PV inverter grid-tied | TÜV SÜD | 2018/11/12 | | 704091815302-00 | D 083373 0039 Rev.00 | Yes | | |
| Goodwe | GW5048D-ES | Hybrid PV inverter grid-tied | TÜV SÜD | 2018/11/12 | | 704091815302-00 | D 083373 0039 Rev.00 | Yes | | |
| Goodwe | GW3048-EM | Hybrid PV inverter grid-tied | TUV Rheinland | 2017/07/14 | | 50085060 001 | AK 50383738 0001 | Yes | | |
| Goodwe | GW3648-EM | Hybrid PV inverter grid-tied | TUV Rheinland | 2017/07/14 | | 50085060 001 | AK 50383738 0001 | Yes | | |
| Goodwe | GW5048-EM | Hybrid PV inverter grid-tied | TUV Rheinland | 2017/07/14 | | 50085060 001 | AK 50383738 0001 | Yes | | |
| Goodwe | GW4K-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW5K-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW6K-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW8K-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW10KT-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW12KT-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW15KT-DT | Grid-tied PV inverter | Bureau Veritas | 2019/11/20 | | ZEM-19OC0893FTSHP | U19-0609 | Yes | | |
| Goodwe | GW5000S-BP | Battery based inverter grid-tied | TUV Rheinland | 2018/11/12 | | 50180648 001 | AK 50419930 0001 | Yes | | |
| Goodwe | GW3600S-BP | Battery based inverter grid-tied | TUV Rheinland | 2018/11/12 | | 50180648 001 | AK 50419930 0001 | Yes | | |
| Goodwe | GW5K-ET | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/05/23 | | PVZA190507N014 | 1988AP0507N014001 | Yes | | |
| Goodwe | GW8K-ET | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/05/23 | | PVZA190507N014 | 1988AP0507N014001 | Yes | | |
| Goodwe | GW10K-ET | Hybrid PV inverter grid-tied | Bureau Veritas | 2019/05/23 | | PVZA190507N014 | 1988AP0507N014001 | Yes | | |
| Goodwe | GW25K-MT | Grid-tied PV inverter | Bureau Veritas | 2020/03/05 | | PVZA181008N021-R1 | 1888AP1008N021015 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW30K-MT | Grid-tied PV inverter | Bureau Veritas | 2020/03/05 | | PVZA181008N021-R1 | 1888AP1008N021015 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW36K-MT | Grid-tied PV inverter | Bureau Veritas | 2020/03/05 | | PVZA181008N021-R1 | 1888AP1008N021015 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW50K-MT | Grid-tied PV inverter | Bureau Veritas | 2019/09/05 | | PVZA181008N057-R1 | 1888AP0903N057003 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW60K-MT | Grid-tied PV inverter | Bureau Veritas | 2019/09/05 | | PVZA181008N057-R1 | 1888AP0903N057003 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW 3000D-NS | Grid-tied PV inverter | Bureau Veritas | 2020/01/19 | | PVZA190627N029 | 1988APO627N0290001 | Yes | | |
| Goodwe | GW 3600D-NS | Grid-tied PV inverter | Bureau Veritas | 2020/01/19 | | PVZA190627N029 | 1988APO627N0290001 | Yes | | |
| Goodwe | GW 4200D-NS | Grid-tied PV inverter | Bureau Veritas | 2020/01/19 | | PVZA190627N029 | 1988APO627N0290001 | Yes | | |
| Goodwe | GW 5000D-NS | Grid-tied PV inverter | Bureau Veritas | 2020/01/19 | | PVZA190627N029 | 1988APO627N0290001 | Yes | | |
| Goodwe | GW 6000D-NS | Grid-tied PV inverter | Bureau Veritas | 2020/01/19 | | PVZA190627N029 | 1988APO627N0290001 | Yes | | |
| Goodwe | GW 20KN-DT | Grid-tied PV inverter | Bureau Veritas | 2020/04/17 | | ASBJ-190C2322FTSHS | U20-O270 | Yes | | |
| Goodwe | GW 17KN-DT | Grid-tied PV inverter | Bureau Veritas | 2020/04/17 | | ASBJ-190C2322FTSHS | U20-O270 | Yes | | |
| Goodwe | GW 15KN-DT | Grid-tied PV inverter | Bureau Veritas | 2020/04/17 | | ASBJ-190C2322FTSHS | U20-O270 | Yes | | |

1. Legend: Where V=2,5, E or blank; W = blank or ACM; Y = INT 2. The inverter installation must be provided with an external RCD 3. Q-RELAY may only be used with these Enphase Energy inverters.

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|----------|-----------------------------|----------------------------------|----------------|------------|------------|----------------------|-------------------|-----|-----|---|
| Goodwe | GW 12KN-DT | Grid-tied PV inverter | Bureau Veritas | 2020/04/17 | | ASBJ-190C232FTSHS | U20-0270 | Yes | | |
| Goodwe | GW 100K-HT | Grid-tied PV inverter | TUV Rheinland | 2020/12/24 | | CN20W6U3 001 | AK 504690607 0001 | | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW 110K-HT | Grid-tied PV inverter | TUV Rheinland | 2020/12/24 | | CN20W6U3 001 | AK 504690607 0001 | | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW 120K-HT | Grid-tied PV inverter | TUV Rheinland | 2020/12/24 | | CN20W6U3 001 | AK 504690607 0001 | | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Goodwe | GW 136K-HTH | Grid-tied PV inverter | TUV Rheinland | 2020/12/24 | | CN20W6U3 001 | AK 504690607 0001 | | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. This 500 V a.c. inverter may only be use in plants connected to the grid via an external customer MV/LV AC transformer. |
| Growatt | SPH3000TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | Yes | |
| Growatt | SPH3600TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | | |
| Growatt | SPH4000TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | | |
| Growatt | SPH4600TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | | |
| Growatt | SPH5000TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | | |
| Growatt | SPH6000TL BL-UP | Hybrid PV inverter grid-tied | Intertek | 2019/10/25 | | 190719102GZU-001 | CN-PV-190037 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Growatt | MAX 80KTL3 LV | Grid-tied PV inverter | SGS | 2020/06/04 | 2023/06/04 | 2220 - 0165 - A / E1 | 2620/0165-A-CER | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Growatt | MAX 70KTL3 LV | Grid-tied PV inverter | SGS | 2020/06/04 | 2023/06/04 | 2220 - 0165 - A / E1 | 2620/0165-A-CER | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Growatt | MAX 60KTL3 LV | Grid-tied PV inverter | SGS | 2020/06/04 | 2023/06/04 | 2220 - 0165 - A / E1 | 2620/0165-A-CER | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Growatt | MAX 50KTL3 LV | Grid-tied PV inverter | SGS | 2020/06/04 | 2023/06/04 | 2220 - 0165 - A / E1 | 2620/0165-A-CER | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Hoymiles | MI-500 | Grid-tied PV inverter | Bureau Veritas | 2018/07/10 | | BMH-18JA0680FCSP-R1 | U18-0374 | Yes | | Hoymiles MI-500, 600 and 700 micro inverters are not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided in the photovoltaic system with appropriately sized two in series contractors according to NRS 097-2-1 requirements and default settings. |
| Hoymiles | MI-600 | Grid-tied PV inverter | Bureau Veritas | 2018/07/10 | | BMH-18JA0680FCSP-R1 | U18-0374 | Yes | | |
| Hoymiles | MI-700 | Grid-tied PV inverter | Bureau Veritas | 2018/07/10 | | BMH-18JA0680FCSP-R1 | U18-0374 | Yes | | |
| Hoymiles | MI-1000 | Grid-tied PV inverter | Bureau Veritas | 2018/07/27 | | ZEM-18P0889FCSP | U18-0435 | Yes | | |
| Hoymiles | MI-1000T | Grid-tied PV inverter | Bureau Veritas | 2018/07/27 | | ZEM-18P0889FCSP | U18-0435 | Yes | | |
| Hoymiles | MI-1200 | Grid-tied PV inverter | Bureau Veritas | 2018/07/27 | | ZEM-18P0889FCSP | U18-0435 | Yes | | |
| Hoymiles | MI-1200T | Grid-tied PV inverter | Bureau Veritas | 2018/07/27 | | ZEM-18P0889FCSP | U18-0435 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Huawei | SUN 2000-50KTL-MO | Grid-tied PV inverter | TÜV SÜD | 2018/09/21 | | 70 409 18 051 24-01 | D 0418293318 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Huawei | SUN 2000-60KTL-MO | Grid-tied PV inverter | TÜV SÜD | 2018/09/21 | | 70 409 18 051 24-01 | D 0418293318 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Huawei | SUN 2000-36KTL | Grid-tied PV inverter | Bureau Veritas | 2020/04/24 | | PVZA180718N004 | 1888AP0718N004001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Huawei | SUN 2000-100KTL-M1 | Grid-tied PV inverter | Bureau Veritas | 2020/05/29 | | PVZA200521N034 | 2088AP0521N034001 | Yes | | |
| Ingeteam | Ingecon SUN 3 PLAY 20TL M | Grid-tied PV inverter | SGS | 2019/02/07 | 2022/02/07 | 2219/0002-B/E1 | 2619/0002/B-CER | Yes | | |
| Ingeteam | Ingecon SUN 3 PLAY 28TL M | Grid-tied PV inverter | SGS | 2019/02/07 | 2022/02/07 | 2219/0002-B/E1 | 2619/0002/B-CER | Yes | | |
| Ingeteam | Ingecon SUN 3 PLAY 33TL M | Grid-tied PV inverter | SGS | 2019/02/07 | 2022/02/07 | 2219/0002-B/E1 | 2619/0002/B-CER | Yes | | |
| Ingeteam | Ingecon SUN 3 PLAY 20TL | Grid-tied PV inverter | SGS | 2019/02/07 | 2022/02/07 | 2219/0002-B/E1 | 2619/0002/B-CER | Yes | | |
| Ingeteam | Ingecon SUN 3 PLAY 33TL | Grid-tied PV inverter | SGS | 2019/02/07 | 2022/02/07 | 2219/0002-B/E1 | 2619/0002/B-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 2.5TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 2.7TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 3TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 3.3TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 3.68TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 4.6TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 5TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 5.5TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 1 PLAY 6TL M | Grid-tied PV inverter | SGS | 2018/12/21 | 2021/12/21 | 2218/1010-2/E1 | 2618/1010/2-CER | Yes | | |
| Ingeteam | Ingecon SUN 100 TL | Grid-tied PV inverter | Cere | 2019/03/01 | 2021/12/05 | 11505-24-3-TR-E1 | 11505-24-3-CER-E1 | Yes | | The maximum DC voltage es depended on PV array and may not exceed 1000V when this inverter is used. Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and for grid connection with an external customer MV/LV AC transformer. |
| Kodak | Kodak I3.0 | Grid-tied PV inverter | Dekra | 2019/12/10 | | 6065813.50 | 6065813.01AOC | Yes | | |
| Kodak | Kodak I3.6 | Grid-tied PV inverter | Dekra | 2019/12/10 | | 6065813.50 | 6065813.01AOC | Yes | | |
| Kodak | Kodak I4.6 | Grid-tied PV inverter | Dekra | 2019/12/10 | | 6065813.50 | 6065813.01AOC | Yes | | |
| Kodak | Kodak H3.0 | Hybrid PV inverter grid-tied | TUV Rheinland | 2019/12/17 | | 50173405 002 | AK 50454890 0001 | Yes | | |
| Kodak | Kodak H3.6 | Hybrid PV inverter grid-tied | TUV Rheinland | 2019/12/17 | | 50173405 002 | AK 50454890 0001 | Yes | | |
| Kodak | Kodak H4.6 | Hybrid PV inverter grid-tied | TUV Rheinland | 2019/12/17 | | 50173405 002 | AK 50454890 0001 | Yes | | |
| Livoltek | Hyper-2000 | Hybrid PV inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Hyper-3000 | Hybrid PV inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Hyper-3680 | Hybrid PV inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Hyper-4600 | Hybrid PV inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Hyper-5000 | Hybrid PV inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Retro-2000 | Battery based inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Retro-3000 | Battery based inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Retro-3680 | Battery based inverter grid-tied | Dekra | 2019/07/05 | | 6055811.50 | 6055811.01AOC | Yes | | |

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|-------------|-----------------------|----------------------------------|--------------------------------------|------------|-----------------------------|---------------------|-----|-----|--|
| Livoltek | Retro-4600 | Battery based inverter grid-tied | Dekra | 2019/07/05 | 6055811.50 | 6055811.01AOC | Yes | | |
| Livoltek | Retro-5000 | Battery based inverter grid-tied | Dekra | 2019/07/05 | 6055811.50 | 6055811.01AOC | Yes | | |
| Lovato | PMVF 80 | Network & System relay | TÜV SÜD | 2020/10/28 | TR-486879-82695-04 (Ed 01) | D 084111 Rev. 00 | No | No | Network and system grid protection voltage and frequency relay in accordance with DIN VDE 0124-100 and VDE-AR-N 4105:2018-11. Must be programmed to NRS 097-2-1 or the applicable South African Grid Codes and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list. |
| Lux Power | LXP 3K Hybrid | Hybrid PV inverter grid-tied | Intertek | 2019/08/29 | 190624070GZU-001 | CN-PV-190006 | Yes | | |
| Lux Power | LXP 4K Hybrid | Hybrid PV inverter grid-tied | Intertek | 2019/08/29 | 190624070GZU-001 | CN-PV-190006 | Yes | | |
| Lux Power | LXP 5K Hybrid | Hybrid PV inverter grid-tied | Intertek | 2019/08/29 | 190624070GZU-001 | CN-PV-190006 | Yes | | |
| Mecer | Mecer Sol-I-IS10M | Hybrid PV inverter grid-tied | Bureau Veritas | 2020/10/30 | PVZA180904N057-R1 | 2088AP0923N001002 | Yes | | |
| Ohm | OHM-8K-W | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | BL-SZ190095-B02 | BL-SZ1910095-D02 | Yes | | |
| Ohm | OHM-7.6K-W | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | BL-SZ190095-B02 | BL-SZ1910095-D02 | Yes | | |
| Ohm | OHM-6K-W | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | BL-SZ190095-B02 | BL-SZ1910095-D02 | Yes | | |
| Ohm | OHM-5K-W | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | BL-SZ190095-B02 | BL-SZ1910095-D02 | Yes | | |
| Ohm | OHM-3.6K-W | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | BL-SZ190095-B02 | BL-SZ1910095-D02 | Yes | | |
| Rentech | HYD 3000-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 3680-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 4000-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 4600-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 5000-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 5500-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | HYD 6000-EP | Hybrid PV inverter grid-tied | Intertek | 2020/12/22 | 201207035GZU-001 | CN-PV-200172 | Yes | | |
| Rentech | INFINISOLAR PLUS 5 Kw | Hybrid PV inverter grid-tied | Bureau Veritas | 2021/02/20 | PVZA20101WDG0269 | 2188AP0269001 | | Yes | |
| Schneider | Conext CL-60E | Grid-tied PV inverter | TÜV SÜD | 2018/02/09 | 701261703501-01 | D 18 01 98208 006 | Yes | | |
| Schneider | XW+8548E | Battery based inverter grid-tied | TUV Rheinland | 2020/08/11 | 50328684 002 | AK 50477341 0001 | Yes | | |
| Schneider | CL 33 | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2021/02/09 | TRPVP11115/20B/01_R2 | COCPVP11115/20B_R1 | Yes | | The maximum DC voltage is depended on PV array an dmay not exceed 1000V when this inverter is used. |
| Schneider | CLS0 | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2021/02/09 | TRPVP11115/20B/01_R2 | COCPVP11115/20B_R1 | Yes | | The maximum DC voltage is depended on PV array an dmay not exceed 1000V when this inverter is used. |
| Sermatec | SMT-5K-TL-LV | Hybrid PV inverter grid-tied | TÜV SÜD | 2019/06/25 | 64.290.19.01426.01 | D 102650 0007 | Yes | | |
| Sermatec | SMT-10K-TL-TH | Hybrid PV inverter grid-tied | TÜV SÜD | 2019/07/25 | 64.290.18.04743.01 | D 102650 0009 | Yes | | |
| SMA | STP50-40 | Grid-tied PV inverter | Bureau Veritas | 2018/06/29 | 17TH0199-NRS 097-2-1_2 | U18-0034 | Yes | | Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| SMA | STP60-10 | Grid-tied PV inverter | Bureau Veritas | 2018/09/26 | 14TH0075-NRS 097-2-1_3 | U18-0451 | Yes | | Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| SMA | SHP75-10 | Grid-tied PV inverter | Bureau Veritas | 2018/09/26 | 14H0075-NRS 097-2-1_3 | U18-0451 | Yes | | Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| SMA | STPS 60-10 | Battery based inverter grid-tied | Bureau Veritas | 2018/09/26 | 14TH0075-NRS 097-2-1_3 | U18-0451 | Yes | | Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. |
| SMA | SB3.0-1AV-41 | Grid-tied PV inverter | Bureau Veritas | 2020/07/24 | 16TH0348-NRS 097-2-1_0 | U20-0605 | | Yes | The unit must be provided with an external RCMU type B. |
| SMA | SB3.61AV-41 | Grid-tied PV inverter | Bureau Veritas | 2020/07/24 | 16TH0348-NRS 097-2-1_0 | U20-0605 | | Yes | The unit must be provided with an external RCMU type B. |
| SMA | SB4.0-1AV-41 | Grid-tied PV inverter | Bureau Veritas | 2020/07/24 | 16TH0348-NRS 097-2-1_0 | U20-0605 | | Yes | The unit must be provided with an external RCMU type B. |
| SMA | SB5.0-1AV-41 | Grid-tied PV inverter | Bureau Veritas | 2020/07/24 | 16TH0348-NRS 097-2-1_0 | U20-0605 | | Yes | The unit must be provided with an external RCMU type B. |
| SMA | STP 15000TL-30 | Grid-tied PV inverter | Bureau Veritas | 2020/08/13 | 14TH0304-NRS 097-2-1-2017_0 | U20-0641 | | Yes | |
| SMA | STP 20000TL-30 | Grid-tied PV inverter | Bureau Veritas | 2020/08/13 | 14TH0304-NRS 097-2-1-2017_0 | U20-0641 | | Yes | |
| SMA | STP 25000TL-30 | Grid-tied PV inverter | Bureau Veritas | 2020/08/13 | 14TH0304-NRS 097-2-1-2017_0 | U20-0641 | | Yes | |
| SMA | STP 100-60 | Grid-tied PV inverter | TÜV SÜD | 2021/01/21 | 704092001861-00 | D 0701220019 Rev.00 | | Yes | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sofar Solar | HYD 6000-ES | Hybrid PV inverter grid-tied | Intertek | 2019/07/16 | 190603089GZU-001 | 190603089GZU-001 | Yes | | |
| Sofar Solar | HYD 5000-ES | Hybrid PV inverter grid-tied | Intertek | 2019/07/16 | 190603089GZU-001 | 190603089GZU-001 | Yes | | |
| Sofar Solar | HYD 4000-ES | Hybrid PV inverter grid-tied | Intertek | 2019/07/16 | 190603089GZU-001 | 190603089GZU-001 | Yes | | |
| Sofar Solar | HYD 3600-ES | Hybrid PV inverter grid-tied | Intertek | 2019/07/16 | 190603089GZU-001 | 190603089GZU-001 | Yes | | |
| Sofar Solar | HYD 3000-ES | Hybrid PV inverter grid-tied | Intertek | 2019/07/16 | 190603089GZU-001 | 190603089GZU-001 | Yes | | |
| Sofar Solar | 60000TL | Grid-tied PV inverter | Intertek | 2019/12/19 | 191025090GZT-001 | CN-PV-190090 | Yes | | |
| Sofar Solar | 50000TL | Grid-tied PV inverter | Intertek | 2019/12/19 | 191025090GZT-001 | CN-PV-190090 | Yes | | |
| Sofar Solar | HYD 5KTL-3PH | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/07/10 | BL-DG2060517-B01 | BLDG2060517D01 | Yes | | |
| Sofar Solar | HYD 6KTL-3PH | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/07/10 | BL-DG2060517-B01 | BLDG2060517D01 | Yes | | |
| Sofar Solar | HYD 8KTL-3PH | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/07/10 | BL-DG2060517-B01 | BLDG2060517D01 | Yes | | |
| Sofar Solar | HYD 10KTL-3PH | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/07/10 | BL-DG2060517-B01 | BLDG2060517D01 | Yes | | |
| Sofar Solar | HYD 15KTL-3PH | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/07/10 | BL-DG2060517-B01 | BLDG2060517D01 | Yes | | |

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|-------------|-------------------------|------------------------------|----------------|------------|--|------------------|----------------------|-----|--|---|
| SolarXPower | X3-Hybrid-10.0-N-E | Hybrid PV inverter grid-tied | Bureau Veritas | 2018/10/18 | | SXP-18E2165FC5HP | U18-0570 | Yes | | Not intended for the use in plants > 100kVA |
| SolarXPower | X3-Fit-8.0C | Grid-tied inverter | Bureau Veritas | 2018/10/18 | | SXP-18E2165FC5HP | U18-0570 | Yes | | Not intended for the use in plants > 100kVA |
| SolarXPower | X3-Fit-8.0E | Grid-tied inverter | Bureau Veritas | 2018/10/18 | | SXP-18E2165FC5HP | U18-0570 | Yes | | Not intended for the use in plants > 100kVA |
| SolarXPower | X3-Fit-10.0C | Grid-tied inverter | Bureau Veritas | 2018/10/18 | | SXP-18E2165FC5HP | U18-0570 | Yes | | Not intended for the use in plants > 100kVA |
| SolarXPower | X3-Fit-10.0E | Grid-tied inverter | Bureau Veritas | 2018/10/18 | | SXP-18E2165FC5HP | U18-0570 | Yes | | Not intended for the use in plants > 100kVA |
| Solis | Solis-mini-700- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-1000- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-1500- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-2000- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-2500- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-3000- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-mini-3600- 4G | Grid-tied PV inverter | Dekra | 2017/11/17 | | 6018912.51 | 6018912.02AOC | Yes | | |
| Solis | Solis-1P1K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P1.5K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P2K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P2.5K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P2.5K2-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P3K-4G-ST | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P3K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P3.6K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P4K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-1P4.6K-4G | Grid-tied PV inverter | Dekra | 2017/11/10 | | 6018912.50 | 6018912.01AOC | Yes | | |
| Solis | Solis-20K | Grid-tied PV inverter | TÜV SÜD | 2018/03/19 | | 50128276 001 | AK 50402840 0001 | Yes | | |
| Solis | Solis-25K | Grid-tied PV inverter | TÜV SÜD | 2018/03/19 | | 50128276 001 | AK 50402840 0001 | Yes | | |
| Solis | Solis-30K | Grid-tied PV inverter | TÜV SÜD | 2018/03/19 | | 50128276 001 | AK 50402840 0001 | Yes | | |
| Solis | Solis-40K | Grid-tied PV inverter | TÜV SÜD | 2018/03/22 | | 50131287 001 | AK 50403257 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-50K | Grid-tied PV inverter | TÜV SÜD | 2018/03/22 | | 50131287 001 | AK 50403257 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-3P5K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P6K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P8K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P9K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P10K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P12K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P15K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P17K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-3P20K-4G | Grid-tied PV inverter | TUV Rheinland | 2018/03/24 | | 50173799 001 | AK 50416579 0001 | Yes | | |
| Solis | Solis-RHI-3K-48ES | Hybrid PV inverter grid-tied | TUV Rheinland | 2018/09/12 | | 50173405 001 | AK 50418189 0001 | Yes | | |
| Solis | Solis-RHI-3.6K-48ES | Hybrid PV inverter grid-tied | TUV Rheinland | 2018/09/12 | | 50173405 001 | AK 50418189 0001 | Yes | | |
| Solis | Solis-RHI-4.6K-48ES | Hybrid PV inverter grid-tied | TUV Rheinland | 2018/09/12 | | 50173405 001 | AK 50418189 0001 | Yes | | |
| Solis | Solis-40K-FB | Grid-tied PV inverter | TUV Rheinland | 2019/05/08 | | 50249422 001 | AK 50436157 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-50K-FB | Grid-tied PV inverter | TUV Rheinland | 2019/05/08 | | 50249422 001 | AK 50436157 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-60K-4G-FB | Grid-tied PV inverter | TUV Rheinland | 2019/05/08 | | 50249422 001 | AK 50436157 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-25K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/03/11 | | 50344275 001 | AK 50459291 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-30K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/03/11 | | 50344275 001 | AK 50459291 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-33K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/03/11 | | 50344275 001 | AK 50459291 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-36K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/03/11 | | 50344275 001 | AK 50459291 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-40K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/03/11 | | 50344275 001 | AK 50459291 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-80K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-90K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-100K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-110K-5G | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-100K-5G-SA | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-110K-5G-SA | Grid-tied PV inverter | TUV Rheinland | 2020/12/23 | | 50376758 003 | AK 50489595 0001 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Solis | Solis-RHI-3P5K-HVES-5G | Hybrid PV inverter grid-tied | TÜV SÜD | 2020/12/22 | | 704092008125-00 | D 086470 0075 Rev.00 | Yes | | |
| Solis | Solis-RHI-3P6K-HVES-5G | Hybrid PV inverter grid-tied | TÜV SÜD | 2020/12/22 | | 704092008125-00 | D 086470 0075 Rev.00 | Yes | | |
| Solis | Solis-RHI-3P8K-HVES-5G | Hybrid PV inverter grid-tied | TÜV SÜD | 2020/12/22 | | 704092008125-00 | D 086470 0075 Rev.00 | Yes | | |
| Solis | Solis-RHI-3P10K-HVES-5G | Hybrid PV inverter grid-tied | TÜV SÜD | 2020/12/22 | | 704092008125-00 | D 086470 0075 Rev.00 | Yes | | |
| Soltaro | SOL-10LW-3P | Hybrid PV inverter grid-tied | TÜV SÜD | 2019/07/26 | | 6429018047301A | D 104877 0003 | Yes | | |
| Sungrow | SH5K-20 | Hybrid PV inverter grid-tied | Dekra | 2018/05/31 | | 6025450.51 | 6025450.02AOC | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SH5K-30 | Hybrid PV inverter grid-tied | Dekra | 2020/03/27 | | 6072682.50 | 6072682.01AOC | Yes | | |

| | | | | | | | | | | |
|-------------------------|--------------------------------|-------------------------------------|--------------------------------------|------------|--|------------------------|----------------------|-----|--|--|
| Sungrow | SG36KTL-M | Grid-tied PV inverter | TÜV SÜD | 2018/03/26 | | 704091708604-01 | D180373342197 | Yes | | |
| Sungrow | SG60KTL | Grid-tied PV inverter | TÜV SÜD | 2018/02/08 | | 704091708605-01 | D180173342198 | Yes | | |
| Sungrow | SG80LTL | Grid-tied PV inverter | Dekra | 2018/07/11 | | 6035428.50 | 6035428.01AOC | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SG80LTL-20 | Grid-tied PV inverter | Dekra | 2018/07/11 | | 6035428.50 | 6035428.01AOC | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SG33CX | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2020/03/19 | | TRSHV11090/19/01_R2 | COCSHV11090/19-01_R1 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SG40CX | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2020/03/19 | | TRSHV11090/19/01_R2 | COCSHV11090/19-01_R1 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SG50CX | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2020/03/19 | | TRSHV11090/19/01_R2 | COCSHV11090/19-01_R1 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SG110CX | Grid-tied PV inverter | TÜV NORD & Shenzhen Balun Technology | 2020/03/19 | | TRSHV11090/19/01_R2 | COCSHV11090/19-02_R1 | Yes | | The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. |
| Sungrow | SH5.0RT | Hybrid PV inverter grid-tied | TÜV NORD & Shenzhen Balun Technology | 2020/07/24 | | TRSHV11090/19/03 | COCSHV11090/19-04 | Yes | | |
| Sungrow | SH6.0RT | Hybrid PV inverter grid-tied | TÜV NORD & Shenzhen Balun Technology | 2020/07/24 | | TRSHV11090/19/03 | COCSHV11090/19-04 | Yes | | |
| Sungrow | SH8.0RT | Hybrid PV inverter grid-tied | TÜV NORD & Shenzhen Balun Technology | 2020/07/24 | | TRSHV11090/19/03 | COCSHV11090/19-04 | Yes | | |
| Sungrow | SH10RT | Hybrid PV inverter grid-tied | TÜV NORD & Shenzhen Balun Technology | 2020/07/24 | | TRSHV11090/19/03 | COCSHV11090/19-04 | Yes | | |
| Sunsynk | Synsynk-8K-SG01LP1 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | | BL-SZ1910095-B01 | BL-SZ1910095-D01 | Yes | | |
| Sunsynk | Synsynk-7.6-SG01LP1 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | | BL-SZ1910095-B01 | BL-SZ1910095-D01 | Yes | | |
| Sunsynk | Synsynk-6K-SG01LP1 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | | BL-SZ1910095-B01 | BL-SZ1910095-D01 | Yes | | |
| Sunsynk | Synsynk-5L-SG01LP1 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | | BL-SZ1910095-B01 | BL-SZ1910095-D01 | Yes | | |
| Sunsynk | Synsynk-3.6K-SG01LP1 | Hybrid PV inverter grid-tied | Shenzhen Balun Technology | 2020/02/26 | | BL-SZ1910095-B01 | BL-SZ1910095-D01 | Yes | | |
| TELE Haase Steuergerate | NA003 | Network & System relay | Primara | 2018/09/20 | | 14PP035-12 | 18-315-00 | Yes | | Network and system grid protection voltage and frequency relay only an may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list. |
| Tesla | AC Powerwall 1092170-xx-y | Battery based inverter grid-tied | Intertek | 2018/09/20 | | 102591059CRT-051c | 102591059CRT-051c | Yes | | |
| Tesla | AC Powerwall 2012170-xx-y | Battery based inverter grid-tied | Intertek | 2018/09/20 | | 102591059CRT-051c | 102591059CRT-051c | Yes | | |
| Victron | MultiGrid 12/3000/120-50 | Battery based PV inverter grid-tied | Primara | 2018/09/20 | | 16PP183-06_1 | 17-303-00 | Yes | | |
| Victron | MultiGrid 24/3000/70-50 | Battery based PV inverter grid-tied | Primara | 2018/09/20 | | 16PP183-06_1 | 17-303-00 | Yes | | |
| Victron | MultiGrid 48/3000/35-50 | Battery based PV inverter grid-tied | Primara | 2018/09/20 | | 16PP183-06_1 | 17-303-00 | Yes | | |
| Victron | MultiGrid - II 48/3000/35-32 | Battery based PV inverter grid-tied | Primara | 2018/10/02 | | 17PP264-07_1 | 18-320-01 | Yes | | |
| Victron | MultiPlus - II 48/3000/35-32 | Battery based PV inverter grid-tied | Kiwa Primara | 2019/08/22 | | 17PP264-07_3 | 18-320-01 | Yes | | |
| Victron | MultiPlus - II 48/3000/35/32GX | Battery based PV inverter grid-tied | Kiwa Primara | 2019/08/22 | | 17PP264-07_3 | 18-320-01 | Yes | | |
| Victron | MultiPlus - II 48/5000/70-50 | Battery based PV inverter grid-tied | Kiwa Primara | 2019/08/22 | | 17PP264-07_3 | 18-320-01 | Yes | | |
| Voltronic | InfiniSolar 10k | Hybrid PV inverter grid-tied | Bureau Veritas | 2020/10/30 | | PVZA180904N057-R1 | 2088AP0923N001001 | Yes | | |
| Ziehl | UFR1001E relay | Network & System relay | Bureau Veritas | 2018/06/07 | | 11TH0501-NRS 097-2-1_1 | U18-0308 | Yes | | Network and system grid protection voltage and frequency relay only an may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list. |

RCMU - residual currnt monitoring unit

RCD - residual current device

RCM - residual current monitoring

SPD - surge protection device

Notes:

1. Stellenbosch Municipality shall not incur any liability of any nature whatsoever arising out of the publicatin by it of this list, or arising out of the selection by the user of a particular device. This includes liability for any losses incurred as a result of safety issues or negligence relating to the design, construction, installation, commissioning, operation and maintenance of any device listed on the list.
2. This list is for Stellenbosch Municipality purposes only and the use thereof as a guideline for the selection of a device is at the sole risk of the user.
3. Stellenbosch Municipality does not guarantee the functionality or sustainability of any device listed on this list.
4. Type testing certifications for inverters and ancillary equipment that must be added to Stellenbosch Municipality's inverter list, shall be in accordance with the latest NRS 097-2-1, currently NRS 097-2-1: 2017 Edition 2.1 (published 2020-07-20).
5. All grid-tied hybrid inverters shall be equipped with a separate suitably interlocked change-over switch if interlocked with the grid as specified in the Requirements for small scale embedded generation (SSEG) document.