

## Declaration of Conformity

This is to declare that the products listed below including their required accessories have been manufactured according to the following EU directives:

1. these products are in conformity with the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits (the CE compliance).
2. According to the electromagnetic compatibility directive 2014/30/EU, Article 2, Paragraph 2(d), PV modules without additional electronic components do not require any qualification according to EMC directive. Consequently, the above models are compliant to EMC directive (the EMC compliance).

**Manufacturer:** Yuncheng Solar Technology Co.,Ltd

**Address** : Building H, Phase II, Standard Workshop, Runzhou Road, Huishan Industrial Transformation Cluster, Wuxi, Jiangsu, P.R.China.

**Manufacturer:** PT THORNOVA SOLAR INDONESIA

**Address** : Jalan Hang Kesturi Kabil, Desa/Kelurahan Batu Besar, Kec. Nongsa, Kota Batam, Provinsi Kepulauan Riau, 29466, Indonesia

### PRODUCT:

The following standards are applied:

EN IEC 61215-1:2016; EN IEC 61215-2:2016 / AC :2017+AC :2018

EN IEC 61730-1:2016; EN IEC 61730-2:2016 / AC :2017+AC :2018

### Double Glass PV Modules with Half-cut 182mm Mono-crystalline Silicon Solar Cells:

144 cells: SS-BGxxx-72MDH (xxx=530-560, in steps of 5)

144 cells: TS-BG72(xxx) (xxx=530-560, in steps of 5)

132 cells: SS-BGxxx-66MDH (xxx=485-510, in steps of 5)

132 cells: TS-BG66(xxx) (xxx=485-510, in steps of 5)

120 cells: SS-BGxxx-60MDH (xxx=440-465, in steps of 5)

120 cells: TS-BG60(xxx) (xxx=440-465, in steps of 5)

108 cells: SS-BGxxx-54MDH (xxx=400-420, in steps of 5)

108 cells: Alp 2 SS-BGxxx-54MDH (xxx=400-420, in steps of 5)

108 cells: TS-BG54(xxx) (xxx=400-420, in steps of 5)

96 cells: SS-BGxxx-48MDH (xxx=355-370, in steps of 5)

96 cells: TS-BG48(xxx) (xxx=355-370, in steps of 5)

72 cells: SS-BGxxx-36MDH (xxx=265-280, in steps of 5) 72

cells: TS-BG36(xxx) (xxx=265-280, in steps of 5)

### Double Glass PV Modules with Half-cut 210mm Mono-crystalline Silicon Solar Cells:

132 cells: SS-BGxxx-66MDH-G12 (xxx=650-670, in steps of 5)

132 cells: TS-BG66(xxx)-G12 (xxx=650-670, in steps of 5)  
120 cells: SS-BGxxx-60MDH-G12 (xxx=590-610, in steps of 5)  
120 cells: TS-BG60(xxx)-G12 (xxx=590-610, in steps of 5)  
108 cells: SS-BGxxx-54MDH-G12 (xxx=530-545, in steps of 5)  
108 cells: TS-BG54(xxx)-G12 (xxx=530-545, in steps of 5)  
96 cells: SS-BGxxx-48MDH-G12 (xxx=475-490, in steps of 5)  
96 cells: TS-BG48(xxx)-G12 (xxx=475-490, in steps of 5)  
84 cells: SS-BGxxx-42MDH-G12 (xxx=415-425, in steps of 5)  
84 cells: TS-BG42(xxx)-G12 (xxx=415-425, in steps of 5)  
60 cells: SS-BGxxx-30MDH-G12 (xxx=285-310, in steps of 5)  
60 cells: TS-BG30(xxx)-G12 (xxx=285-310, in steps of 5)

**Double Glass PV Modules with Half-cut 210mm N-type Mono-crystalline Silicon Solar Cells:**

132 cells: SS-BGxxx-66MDH-G12(T) (xxx=660-705, in steps of 5)  
132 cells: TS-BGT66(xxx)-G12 (xxx=660-705, in steps of 5)  
120 cells: SS-BGxxx-60MDH-G12(T) (xxx=600-640, in steps of 5)  
120 cells: TS-BGT60(xxx)-G12 (xxx=600-640, in steps of 5)  
60 cells: SS-BGxxx-30MDH-G12(T) (xxx=300-320, in steps of 5) 60  
cells: TS-BGT30(xxx)-G12 (xxx=300-320, in steps of 5)

**Double Glass PV Modules with Half-cut 182mm N-type Mono-crystalline Silicon Solar Cells:**

156 cells: SS-BGxxx-78MDH(T) (xxx=580-615, in steps of 5)  
156 cells: TS-BGT78(xxx) (xxx=580-615, in steps of 5)  
144 cells: SS-BGxxx-72MDH(T) (xxx=535-590, in steps of 5)  
144 cells: TS-BGT72(xxx) (xxx=535-590, in steps of 5)  
132 cells: SS-BGxxx-66MDH(T) (xxx=490-540, in steps of 5)  
132 cells: TS-BGT66(xxx) (xxx=490-540, in steps of 5)  
120 cells: SS-BGxxx-60MDH(T) (xxx=445-490, in steps of 5)  
120 cells: TS-BGT60(xxx) (xxx=445-490, in steps of 5)  
108 cells: SS-BGxxx-54MDH(T) (xxx=400-440, in steps of 5)  
108 cells: Alp 3 SS-BGxxx-54MDH(T) (xxx=400-440, in steps of 5)  
108 cells: TS-BGT54(xxx) (xxx=400-440, in steps of 5)  
108 cells: Alp 3 TS-BGT54(xxx) (xxx=400-440, in steps of 5)

**Double Glass PV Modules with Half-cut 186mm N-type Mono-crystalline Silicon Solar Cells:**

108 cells: SS-BGxxx-54MDH(T) (xxx=405-445, in steps of 5)  
108 cells: TS-BGT54(xxx) (xxx=405-445, in steps of 5)

**Double Glass PV Modules with Half-cut 191.6mm N-type Mono-crystalline Silicon Solar Cells:**

144 cells: SS-BGxxx-72MDH-G10(T) (xxx = 595-615, in increment of 5)  
144 cells: TS-BGT72(xxx)-G10 (xxx = 595-615, in increment of 5)

132 cells: SS-BGxxx-66MDH-G10 (T) (xxx = 545-560, in increment of 5)  
132 cells: TS-BGT66(xxx)-G10 (xxx = 545-560, in increment of 5)  
120 cells: SS-BGxxx-60MDH-G10(T) (xxx = 495-510, in increment of 5)  
120 cells: TS-BGT60(xxx)-G10 (xxx = 495-510, in increment of 5)  
108 cells: SS-BGxxx-54MDH-G10(T) (xxx = 445-460, in increment of 5)  
108 cells: TS-BGT54(xxx)-G10 (xxx = 445-460, in increment of 5)

## **PRODUCT:**

The following standards are applied:

IEC 61215-1:2021 / EN IEC 61215-1:2021  
IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021  
IEC 61215-2:2021 / EN IEC 61215-2:2021  
IEC 61730-1:2023  
IEC 61730-2:2023  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## **Double Glass PV Modules with Half-cut 182mm N-type Monocrystalline Silicon Solar Cells:**

156 cells: TS-BGT78(xxx) (xxx=610-635, in steps of 5)  
156 cells: SS-BGxxx-78MDH(T) (xxx=610-635, in steps of 5)  
144 cells: TS-BGT72(xxx)(xxx=565-605, in steps of 5)  
144 cells: SS-BGxxx-72MDH(T) (xxx=565-605, in steps of 5)  
132 cells: TS-BGT66(xxx) (xxx=520-555, in steps of 5)  
132 cells: SS-BGxxx-66MDH(T) (xxx=520-555, in steps of 5)  
120 cells: TS-BGT60(xxx) (xxx=470-505, in steps of 5)  
120 cells: SS-BGxxx-60MDH(T) (xxx=470-505, in steps of 5)  
108 cells: TS-BGT54(xxx) (xxx=425-450, in steps of 5)  
108 cells: SS-BGxxx-54MDH(T) (xxx=425-450, in steps of 5)  
96 cells: TS-BGT48(xxx) (xxx = 375-390, in steps of 5)  
96 cells: SS-BGxxx-48MDH(T) (xxx = 375-390, in steps of 5)  
72 cells: TS-BGT36(xxx) (xxx=280-290, in steps of 5)  
72 cells: SS-BGxxx-36MDH(T) (xxx=280-290, in steps of 5)

## **Double Glass PV Modules with Half-cut 210mm N-type Monocrystalline Silicon Solar Cells:**

132 cells: TS-BGT66(xxx)-G12 (xxx=680-730, in steps of 5)  
132 cells: SS-BGxxx-66MDH-G12(T) (xxx=680-730, in steps of 5)  
120 cells: TS-BGT60(xxx)-G12 (xxx=615-660, in steps of 5)  
120 cells: SS-BGxxx-60MDH-G12(T) (xxx=615-660, in steps of 5)  
56 cells: TS-BGT28(xxx)-G12 (xxx=285-305, in steps of 5)  
56 cells: SS-BGxxx-28MDH-G12(T) (xxx=285-305, in steps of 5)  
48 cells: TS-BGT24(xxx)-G12 (xxx=245-265, in steps of 5)  
48 cells: SS-BGxxx-24MDH-G12(T) (xxx=245-265, in steps of 5)

**Double Glass PV Modules with Half-cut 182.2mm x 191.6mm N-type Mono-crystalline Silicon Solar Cells:**

144 cells: TS-BGT72(xxx)-G10(xxx = 595-615, in steps of 5)  
144 cells: SS-BGxxx-72MDH-G10(T)(xxx = 595-615, in steps of 5)  
132 cells: TS-BGT66(xxx)-G10(xxx = 545-560, in steps of 5)  
132 cells: SS-BGxxx-66MDH-G10(T)(xxx = 545-560, in steps of 5)  
120 cells: TS-BGT60(xxx)-G10(xxx = 495-510, in steps of 5)  
120 cells: SS-BGxxx-60MDH-G10(T)(xxx = 495-510, in steps of 5)  
108 cells: TS-BGT54(xxx)-G10(xxx = 445-460, in steps of 5)  
108 cells: SS-BGxxx-54MDH-G10(T)(xxx = 445-460, in steps of 5)

**Double Glass PV Modules with Half-cut 182.2mm x 199mm N-type Mono-crystalline Silicon Solar Cells:**

144 cells: TS-BGT72(xxx)-G13 (xxx = 615-640, in increment of 5)  
144 cells: SS-BGxxx-72MDH-G13(T)(xxx = 615-640, in increment of 5)  
132 cells: TS-BGT66(xxx)-G13 (xxx = 565-585, in increment of 5)  
132 cells: SS-BGxxx-66MDH-G13(T)(xxx = 565-585, in increment of 5)  
120 cells: TS-BGT60(xxx)-G13(xxx = 515-530, in increment of 5)  
120 cells: SS-BGxxx-60MDH-G13(T)(xxx = 515-530, in increment of 5)  
108 cells: TS-BGT54(xxx)-G13(xxx = 460-480, in increment of 5)  
108 cells: SS-BGxxx-54MDH-G13(T)(xxx = 460-480, in increment of 5)

**Double Glass PV Modules with Half-cut 182.2mm x 210mm N-type Mono-crystalline Silicon Solar Cells:**

132 cells: TS-BGT66(xxx)-G11(xxx = 595-620, in increment of 5)  
132 cells: SS-BGxxx-66MDH-G11(T) (xxx = 595-620, in increment of 5)  
120 cells: TS-BGT60(xxx)-G11(xxx = 545-565, in increment of 5)  
120 cells: SS-BGxxx-60MDH-G11(T)(xxx = 545-565, in increment of 5)  
108 cells: TS-BGT54(xxx)-G11(xxx = 485-505, in increment of 5)  
108 cells: SS-BGxxx-54MDH-G11(T)(xxx = 485-505, in increment of 5)  
96 cells: TS-BGT48(xxx)-G11(xxx = 435-450, in increment of 5)  
96 cells: SS-BGxxx-48MDH-G11(T)(xxx = 435-450, in increment of 5)

**Double Glass PV Modules with Half-cut 182.2mm x 169.25mm N-type Mono-crystalline Silicon Solar Cells:**

156 cells: TS-BGT78(xxx)-G7(xxx = 560-595, in increment of 5)  
156 cells: SS-BGxxx-78MDH-G7(T)(xxx = 560-595 in increment of 5)  
144 cells: TS-BGT72(xxx)-G7(xxx = 515-550, in increment of 5)  
144 cells: SS-BGxxx-72MDH-G7(T)(xxx = 515-550, in increment of 5)  
120 cells: TS-BGT60(xxx)-G7(xxx = 430-455, in increment of 5)  
120 cells: SS-BGxxx-60MDH-G7(T)(xxx = 430-455, in increment of 5)

**Double Glass PV Modules with Half-cut 182mm x 188mm N-type Mono-crystalline Silicon Solar Cells:**

144 cells: TS-BGT72(xxx)-G9(xxx = 580-615, in increment of 5)

144 cells: SS-BGxxx-72MDH-G9(T)(xxx = 580-615, in increment of 5)  
132 cells: TS-BGT66(xxx)-G9(xxx = 530-560, in increment of 5)  
132 cells: SS-BGxxx-66MDH-G9(T)(xxx = 530-560, in increment of 5)  
120 cells: TS-BGT60(xxx)-G9(xxx = 485-510, in increment of 5)  
120 cells: SS-BGxxx-60MDH-G9(T)(xxx = 485-510, in increment of 5)  
108 cells: TS-BGT54(xxx)-G9(xxx = 435-460, in increment of 5)  
108 cells: SS-BGxxx-54MDH-G9(T)(xxx = 435-460, in increment of 5)

**Remark: xxx indicates output power from the front side only**



December 06<sup>th</sup>, 2024