

# NuClick<sup>®</sup> 2.0 Anti-Glare

→ Dual-Function: Roof & Photovoltaics  
 Designed and Developed in Europe  
 Quality assured through third-party testing  
 16 kg/m<sup>2</sup> - 30% less than common system  
 Engineered for High Snow Load  
 Tier 1 TOPCon cells

→ Click-Seam: Fast Installation,  
 Trusted for Over 25 Years  
 Designed for Low Reflection



**Certificates**

- IEC 61215:2021** (PV Module Reliability)
- IEC 61730:2023** (PV Module Safety)
- MCS 005** (Product certification for UK market)
- MCS 010** (Production control for UK market)
- EN 13501-5:2016** (Fire safety)

Broof (t1) by GTC  
 Broof (t2) by Eurofins Expert Services Oy  
 Broof (t4) by Efectis



reddot winner 2025  
 sustainable design



Module name: **NuClick 2.0 AG-2x18/180**  
Specification 1: BT/0.6/MAT/9005  
Specification 2: BT/0.6/MAT/7016

**Contact**  
Roofit Solar Energy OÜ Härgmäe  
21, Tallinn 13525, Estonia  
<http://roofit.solar>  
[info@roofit.solar](mailto:info@roofit.solar)

## Working Conditions

Maximum System Voltage	1000 V
Ambient Temperature	-40 °C ... +40 °C
Maximum Series Fuse Rating	25A
Safety Class	Class II
Tested Positive Load	10 000 Pa = 1020 kg/m <sup>2</sup>
Tested Negative Load	2400 Pa
Impact Resistance	Hailstone up to 25 mm in size
Minimum Roof Slope	10 degrees

## Mechanical Specifications

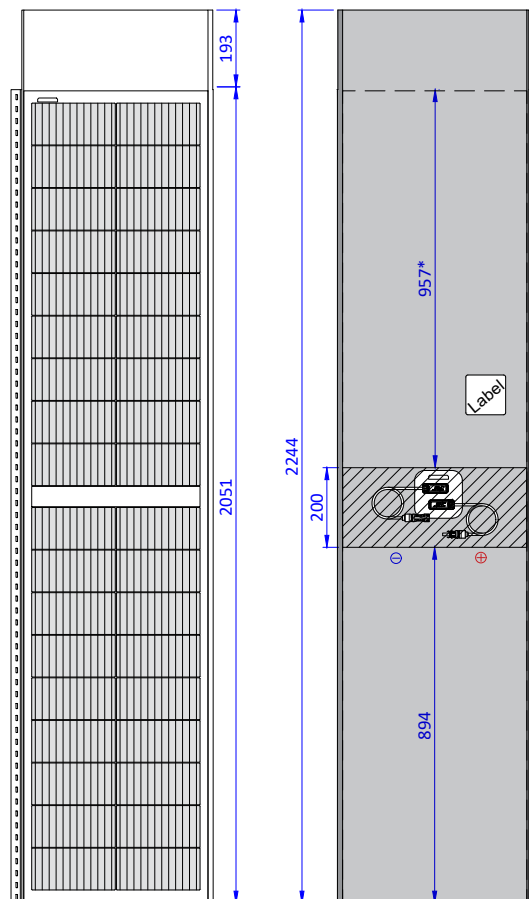
Cells	210 mm monocrystalline TOPCon 2x18 configuration
Encapsulant	POE
Front glass	3.2 mm tempered low-iron glass Gloss level 10 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR33 Gloss level <5 GU Specification 2 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR2H3 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm <sup>2</sup> H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	2051 mm x 471 mm
Mounting method	Ruukki Classic
Weight	15.5 kg (pcs) = 15.9 kg/m <sup>2</sup> (installed)

## Packing

Packing Configuration	34 modules per pallet
Pallet (LxWxH)	2335 x 1105 x 840 mm
Pallet weight	670 kg

## Thermal Characteristics

Temperature Coefficient of	P <sub>mpp</sub>	-0.334 % /K
Temperature Coefficient of	V <sub>oc</sub>	-0.259 % /K
Temperature Coefficient of	I <sub>sc</sub>	0.049 % /K

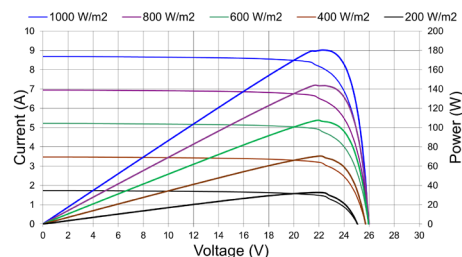


## Electrical Characteristics

\* Standard Test Conditions (irradiance 1000 W/m<sup>2</sup>,  
cell temperature 25 °C, spectrum AM1.5) STC\*

Nominal Power	P <sub>mpp</sub> (W)	<b>180</b>
Open Circuit Voltage	V <sub>oc</sub> (V)	<b>26.5</b>
Short Circuit Current	I <sub>sc</sub> (A)	<b>8.4</b>
MPP Voltage	V <sub>mpp</sub> (V)	<b>22.8</b>
MPP Current	I <sub>mpp</sub> (A)	<b>7.9</b>
Module efficiency	η (%)	<b>19.1</b>

Power Tolerances  $\pm 3\%$   
Current and Voltage Tolerances  $\pm 3\%$



Module name: **NuClick 2.0 AG-2x12/120**  
 Specification 1: BT/0.6/MAT/9005  
 Specification 2: BT/0.6/MAT/7016

**Contact**  
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### Working Conditions

Maximum System Voltage	1000 V
Ambient Temperature	-40 °C ... +40 °C
Maximum Series Fuse Rating	25A
Safety Class	Class II
Tested Positive Load	10 000 Pa = 1020 kg/m <sup>2</sup>
Tested Negative Load	2400 Pa
Impact Resistance	Hailstone up to 25 mm in size
Minimum Roof Slope	10 degrees

### Mechanical Specifications

Cells	210 mm monocrystalline TOPCon 2x12 configuration
Encapsulant	POE
Front glass	3.2 mm tempered low-iron glass Gloss level 10 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR33 Gloss level <5 GU Specification 2 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR2H3 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm <sup>2</sup> H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	1409 mm x 471 mm
Mounting method	Ruukki Classic
Weight	11.0 kg (pcs) = 16.4 kg/m <sup>2</sup> (installed)

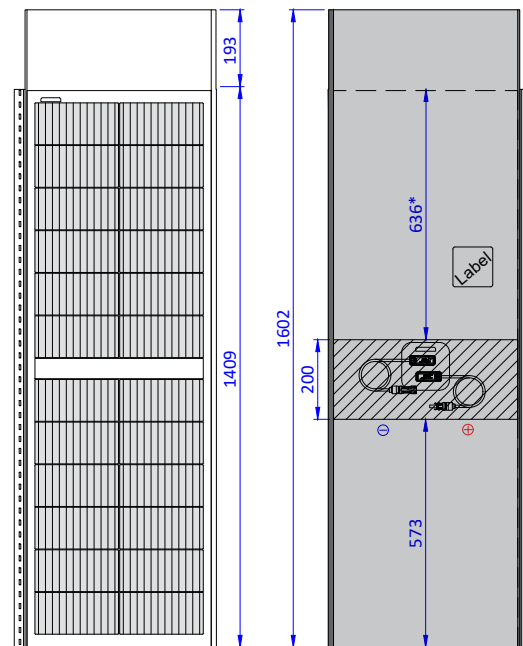
### Packing

Packing Configuration	34 modules per pallet
Pallet (LxWxH)	1690 x 1105 x 840 mm
Pallet weight	475 kg

### Thermal Characteristics

Temperature Coefficient of	P <sub>mpp</sub>	-0.334 % /K
Temperature Coefficient of	V <sub>oc</sub>	-0.259 % /K
Temperature Coefficient of	I <sub>sc</sub>	0.049 % /K

Product dimensions (units in mm)  
 General tolerance: ±1 mm / ±2°



▨ No batten zone

\*Gap of 10mm between 2 modules included



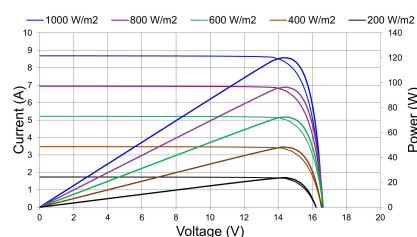
### Electrical Characteristics

\* Standard Test Conditions (Irradiance 1000 W/m<sup>2</sup>,  
 cell temperature 25 °C, spectrum AM1.5) STC\*

Nominal Power	P <sub>mpp</sub> (W)	<b>120</b>
Open Circuit Voltage	V <sub>oc</sub> (V)	<b>17.6</b>
Short Circuit Current	I <sub>sc</sub> (A)	<b>8.4</b>
MPP Voltage	V <sub>mpp</sub> (V)	<b>15.2</b>
MPP Current	I <sub>mpp</sub> (A)	<b>7.9</b>
Module efficiency	η (%)	<b>18.6</b>

Power Tolerances ±3 %

Current and Voltage Tolerances ±3 %



Module name:  
Specification 1:  
Specification 2:

**NuClick 2.0 Snow Guard**  
**AG-2x12/120**  
BT/0.6/MAT/9005/SG  
BT/0.6/MAT/7016/SG

## Contact

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## Working

### Conditions

Maximum System Voltage	1000 V
Ambient Temperature	-40 °C ... +40 °C
Maximum Series Fuse Rating	25A
Safety Class	Class II
Tested Positive Load	10 000 Pa = 1020 kg/m <sup>2</sup>
Tested Negative Load	2400 Pa
Impact Resistance	Hailstone up to 25 mm in size
Minimum Roof Slope	10 degrees

## Mechanical

### Specifications

Cells	210 mm monocrystalline TOPCon 2x12 configuration
Encapsulant	POE
Front glass	3.2 mm tempered low-iron glass Gloss level 10 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR33 Gloss level <5 GU Specification 2 0.6 mm steel S280GD 275 g/m <sup>2</sup> zinc galvanized 50 µm Greencoat Pural BT Matt RR2H3 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm <sup>2</sup> H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	2026 mm x 471 mm
Mounting method	Ruukki Classic
Weight	13.5 kg (pcs) = 14.0 kg/m <sup>2</sup> (installed)

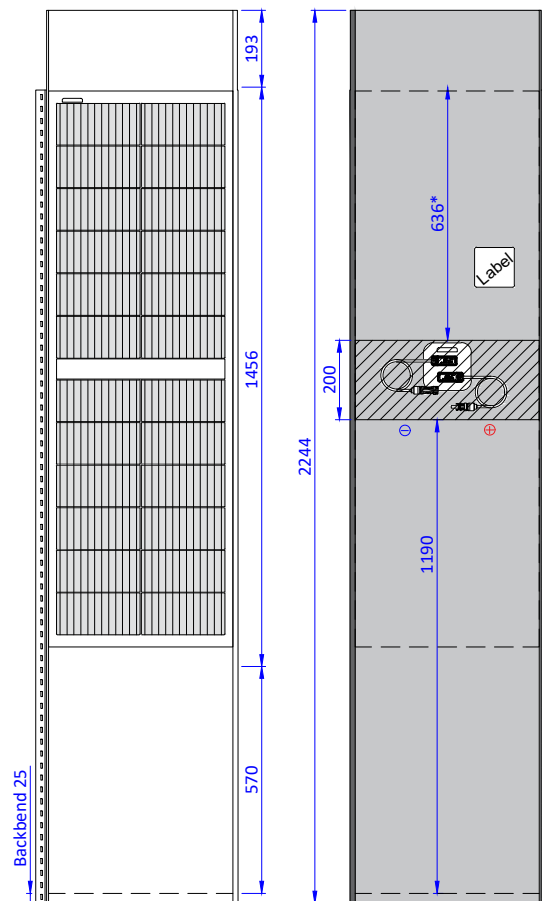
## Packing

Packing Configuration	34 modules per pallet
Pallet (LxWxH)	2335 x 1105 x 840 mm
Pallet weight	570 kg

## Thermal

### Characteristics

Temperature Coefficient of	P <sub>mpp</sub>	-0.334 % /K
Temperature Coefficient of	V <sub>oc</sub>	-0.259 % /K
Temperature Coefficient of	I <sub>sc</sub>	0.049 % /K



No batten zone  
\*Gap of 10mm between 2 modules included



## Electrical

### Characteristics

\* Standard Test Conditions (Irradiance 1000 W/m<sup>2</sup>,  
cell temperature 25 °C, spectrum AM1.5) STC\*

Nominal Power	P <sub>mpp</sub> (W)	<b>120</b>
Open Circuit Voltage	V <sub>oc</sub> (V)	<b>17.6</b>
Short Circuit Current	I <sub>sc</sub> (A)	<b>8.4</b>
MPP Voltage	V <sub>mpp</sub> (V)	<b>15.2</b>
MPP Current	I <sub>mpp</sub> (A)	<b>7.9</b>
Module efficiency	η (%)	<b>18.6</b>

Power Tolerances  $\pm 3\%$

Current and Voltage Tolerances  $\pm 3\%$

