

NuClick® 2.0



Dual-Function: Roof & Photovoltaics
Designed and Developed in Europe
Quality assured through third-party testing
16 kg/m² - 30% less than common system
Engineered for High Snow Load
Tier 1 TOPCon cells



Click-Seam: Fast Installation,
Trusted for Over 25 Years



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



reddot winner 2025
sustainable design



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

Contact

Roofit Solar Energy OÜ
 Härgmäe 21, Tallinn 13525, Estonia
<http://roofit.solar>
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 ²
Tested Negative Load	2400 Pa
Impact Resistance	HW3 - hailstone up to 30 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 70 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m ² zinc galvanized 50 µm Greencoat Pural BT Matt RR33 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm ² H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	2051 mm x 471 mm
Mounting method	Ruukki Classic
Weight	15.5 kg (pc) = 15.9 kg/m ² (installed)

Packing

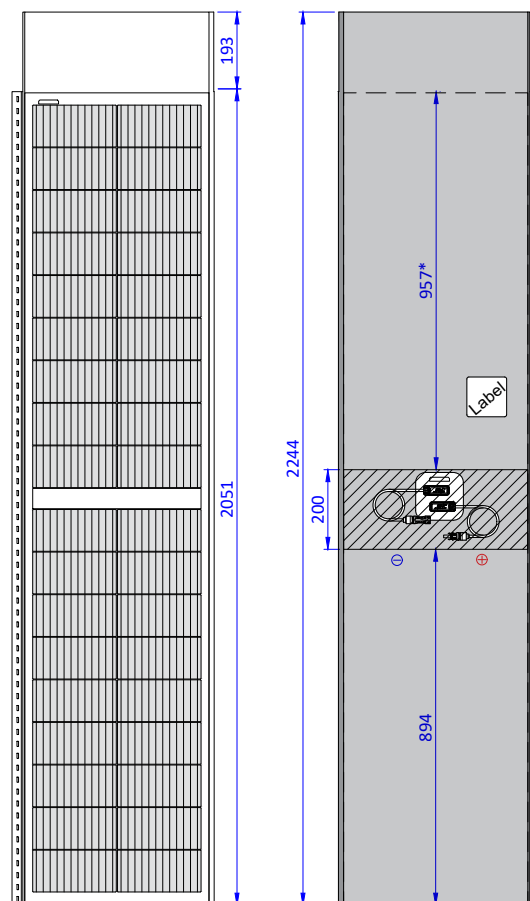
Packing Configuration	34 modules per pallet
Pallet (LxWxH)	2335 x 1105 x 840 mm
Pallet weight	670 kg

Thermal Characteristics

Temperature Coefficient of	P _{mpp}	-0.334 %/K
Temperature Coefficient of	V _{oc}	-0.259 %/K
Temperature Coefficient of	I _{sc}	0.049 %/K

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

Roofit.Solar



▨ No batten zone

*Gap of 10mm between 2 modules included



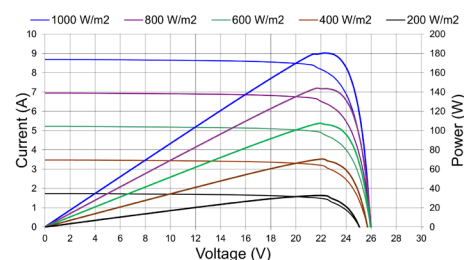
Electrical

Characteristics

* Standard Test Conditions (irradiance 1000 W/m ² , cell temperature 25 °C, spectrum AM1.5)		STC*
Nominal Power	P _{mpp} (W)	180
Open Circuit Voltage	V _{oc} (V)	26.5
Short Circuit Current	I _{sc} (A)	8.4
MPP Voltage	V _{mpp} (V)	22.8
MPP Current	I _{mpp} (A)	7.9
Module efficiency	η (%)	19.1

Power Tolerances ±3 %

Current and Voltage Tolerances ±3 %



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

Contact

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<http://roofit.solar>
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 ²
Tested Negative Load	2400 Pa
Impact Resistance	HW3 - hailstone up to 30 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 70 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m ² zinc galvanized 50 µm Greencoat Pural BT Matt RR33 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm ² H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	1409 mm x 471 mm
Mounting method	Ruukki Classic
Weight	11.0 kg (pc) = 16.4 kg/m ² (installed)

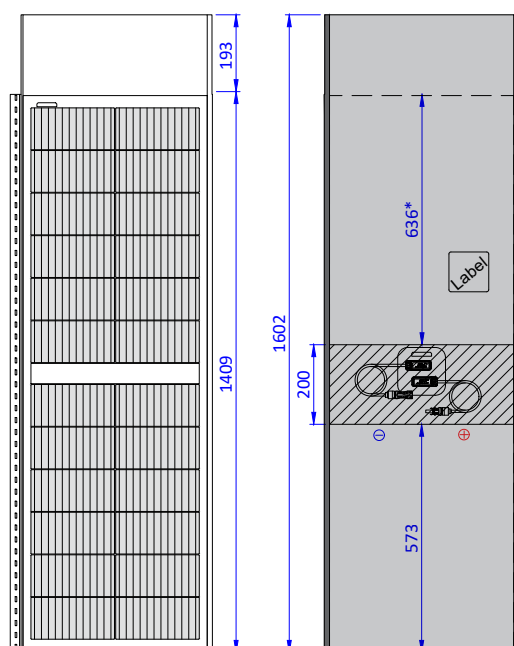
Packing

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

Thermal Characteristics

Temperature Coefficient of	P _{mpp}	-0.334 %/K
Temperature Coefficient of	V _{oc}	-0.259 %/K
Temperature Coefficient of	I _{sc}	0.049 %/K

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



▨ No batten zone

*Gap of 10mm between 2 modules included



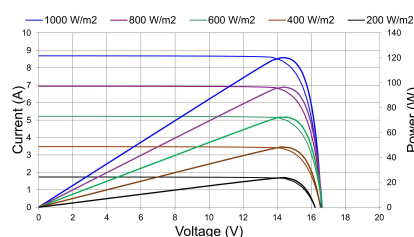
Electrical

Characteristics

* Standard Test Conditions (irradiance 1000 W/m ² , cell temperature 25 °C, spectrum AM1.5)		STC*
Nominal Power	P _{mpp} (W)	120
Open Circuit Voltage	V _{oc} (V)	17.6
Short Circuit Current	I _{sc} (A)	8.4
MPP Voltage	V _{mpp} (V)	15.2
MPP Current	I _{mpp} (A)	7.9
Module efficiency	η (%)	18.6

Power Tolerances ±3 %

Current and Voltage Tolerances ±3 %



Module name:
Specification 1:

NuClick 2.0 Snow Guard
T-2x12/120
BT/0.6/MAT/9005/SG

Contact

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Härgmäe 21, Tallinn 13525, Estonia
<http://roofit.solar>
info@roofit.solar

Workingl

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 ²
Tested Negative Load	2400 Pa
Impact Resistance	HW3 - hailstone up to 30 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 70 GU
Roofing material	Specification 1 0.6 mm steel S280GD 275 g/m ² zinc galvanized 50 µm Greencoat Pural BT matt RR33 Gloss level <5 GU
Junction boxes	2 bypass diodes, IP68, potted
Connectors	Stäubli MC4-Evo 2
Cables	4 mm ² H1Z2Z2-K solar cable length 500 mm
Effective roof coverage	2026 mm x 471 mm
Mounting method	Ruukki Classic
Weight	13.5 kg (pc) = 14.0 kg/m ² (installed)

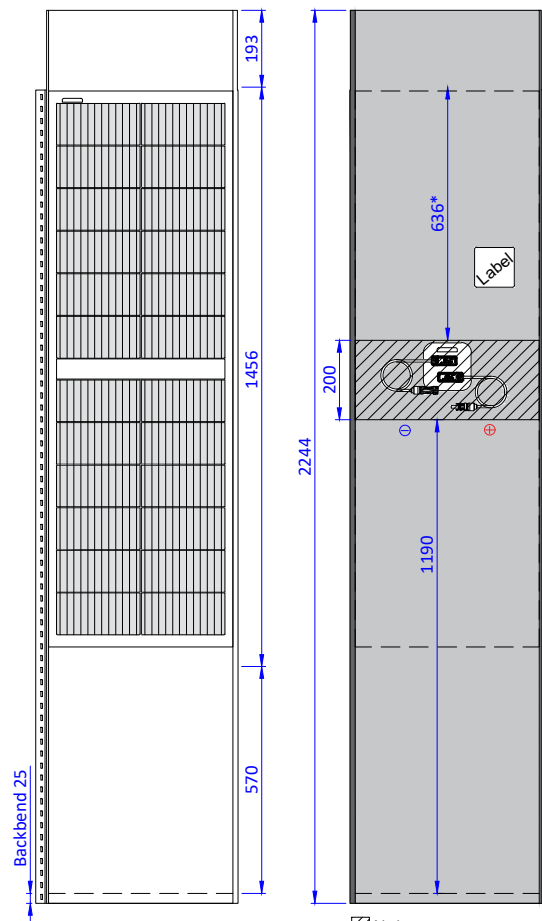
Packing

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

Thermal

Characteristics

Temperature Coefficient of	P _{mpp}	-0.334 %/K
Temperature Coefficient of	V _{oc}	-0.259 %/K
Temperature Coefficient of	I _{sc}	0.049 %/K



Electrical

Characteristics

* Standard Test Conditions (irradiance 1000 W/m ² , cell temperature 25 °C, spectrum AM1.5)		STC*
Nominal Power	P _{mpp} (W)	120
Open Circuit Voltage	V _{oc} (V)	17.6
Short Circuit Current	I _{sc} (A)	8.4
MPP Voltage	V _{mpp} (V)	15.2
MPP Current	I _{mpp} (A)	7.9
Module efficiency	η (%)	18.6

Power Tolerances $\pm 3 \%$

Current and Voltage Tolerances $\pm 3 \%$

