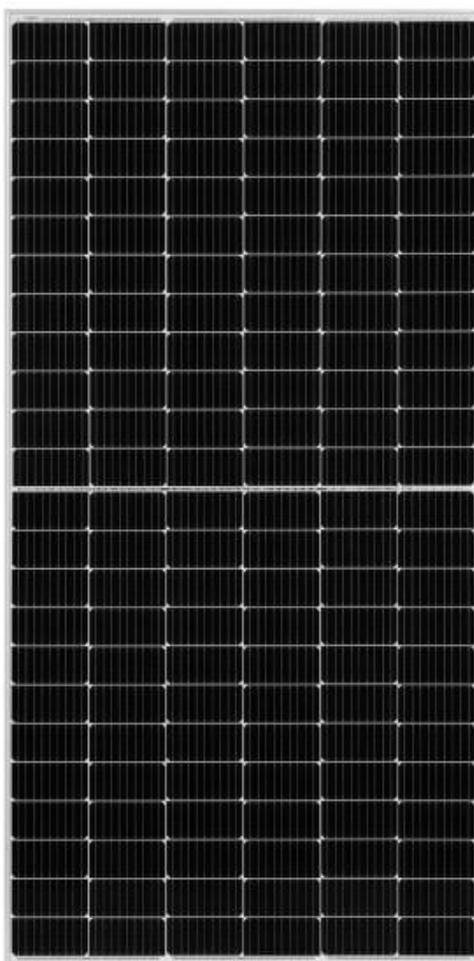


# Module photovoltaïque Sharp NU-JD 540 W à demi-coupe, cadre argenté de 2,2 m

Kod Electriquo: 102074



**UWAGA:** Zdjęcie poglądowe dla całej rodziny produktów.

## Dane techniczne:

- Pouvoir **540W**
- Dimensions [mm] **2279mm 1134mm 35mm**
- Efficacité **20.89%**
- Type de cellule **monokrystaliczne**
- Disposition des liens **2x72**
- Charge de vent [Pa] **2400**
- Charge de neige [Pa] **5400**
- Waga **28.00**
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Tolérance de puissance positive garantie (0/+5 %)

Rendement élevé du module : 20,89 %

Technologie de jeu de barres MBB

Tension maximale du système : 1 500 V

Cellules à demi-coupe

Testé au brouillard salin (IEC 61701)

Testé à l'ammoniac (IEC 62716)

Testé à la poussière et au sable (IEC 60068)

#### Electrical data (STC)

##### NU-JD540

Maximum power	$P_{max}$	540	$W_p$
Open-circuit voltage	$V_{oc}$	50.34	V
Short-circuit current	$I_{sc}$	13.66	A
Voltage at point of maximum power	$V_{mpp}$	41.64	V
Current at point of maximum power	$I_{mpp}$	12.97	A
Module efficiency	$\eta_m$	20.89	%

STC = Standard Test Conditions: irradiance 1,000 W/m<sup>2</sup>, AM 1.5, cell temperature 25 °C.  
 Rated electrical characteristics are within ±10 % of the indicated values of  $I_{sc}$ ,  $V_{oc}$  and 0 to +5 % of  $P_{max}$ .  
 Reduction of efficiency from an irradiance change of 1,000 W/m<sup>2</sup> to 200 W/m<sup>2</sup> ( $T_{module} = 25 °C$ ) is less than 3 %.

#### Electrical data (NMOT)

##### NU-JD540

Maximum power	$P_{max}$	404.78	$W_p$
Open-circuit voltage	$V_{oc}$	47.71	V
Short-circuit current	$I_{sc}$	11.06	A
Voltage at point of maximum power	$V_{mpp}$	38.81	V
Current at point of maximum power	$I_{mpp}$	10.43	A

NMOT = Nominal Module Operating Temperature: 42.5 °C, irradiance 800 W/m<sup>2</sup>, air temperature of 20 °C, wind speed of 1 m/s.

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### Mechanical data

Length	2,279 mm
Width	1,134 mm
Depth	35 mm
Weight	27.8 kg

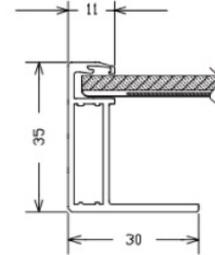
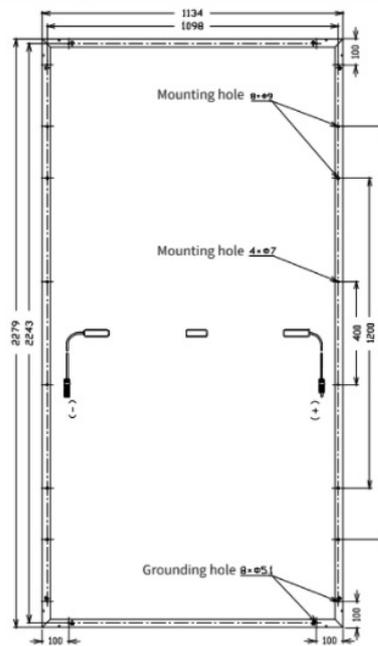
### Temperature coefficient

$P_{max}$	-0.341 %/°C
$V_{oc}$	-0.262 %/°C
$I_{sc}$	0.054 %/°C

### Limit values

Maximum system voltage	1,500V DC
Over-current protection	25A
Temperature range	-40 to 85 °C
Max. mechanical load (snow/wind)	2,400 Pa
Tested snow load (IEC61215 test pass*)	5,400 Pa

### Dimensions (mm)



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### General data

Cells	Half-cut cell mono, 182 mm x 91 mm, MBB, 2 strings of 72 cells in series
Front glass	Anti-reflective high transmissive low iron tempered glass, 3.2 mm
Frame	Anodized aluminium alloy, silver
Backsheet	White
Cable	Ø 4.0 mm <sup>2</sup> , length 1,750 mm [or on request (+) 397 mm, (-) 50 mm]
Connection box	IP68 rating, 3 bypass diodes
Connector	C1, IP68

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