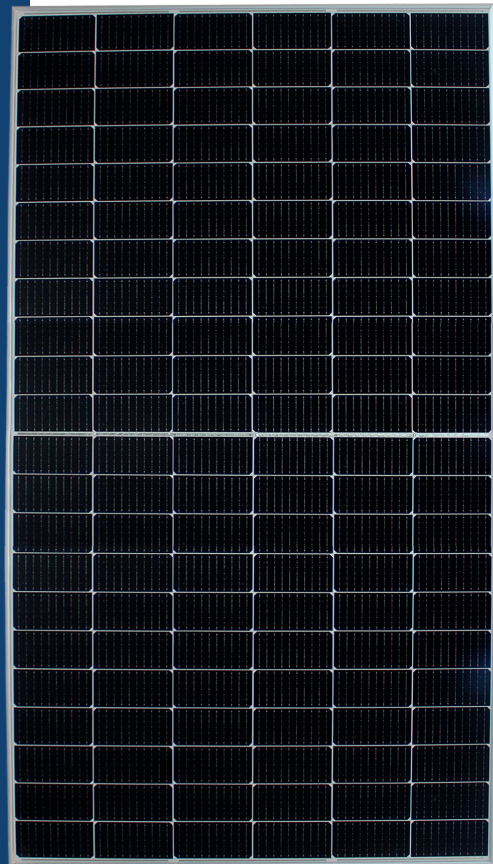


# DAX 132 P

Monofacial Module P-Type PERC

**505-515W**  
Power

**21,69%**  
Maximum Efficiency



## HIGHER POWER OUTPUT

Highest Performance and efficiency on the market



## TECHNOLOGY

P-Type PERC



## MECHANICAL LOAD

5400 Pa Front / 2400 Pa Back



## FIRE CLASS

Class 1 UNI 9177



## ENVIRONMENT CONDITION

Resistant to harsh environments



## POWER CLASS

0+4,99 Watt Positive Tolerance



## WARRANTY

20 years product warranty  
30 years linear power output warranty

**20** YEARS  
PRODUCT  
WARRANTY

**30** YEARS  
LINEAR  
POWER  
OUTPUT  
WARRANTY

### Certifications

IEC 61215:2021 - IEC 61730:2023

ISO 9001:2015 - ISO 14001:2015 - ISO 45001:2018



IEC 62716  
AMMONIA  
RESISTANCE



IEC 60068  
DUST AND  
SAND



IEC 62804  
PID



IEC 61701  
SALT MIST



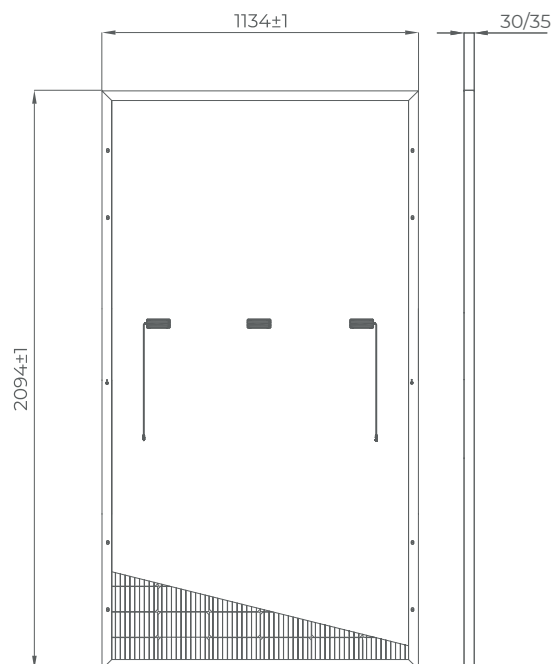
[daxsolar.it/en](https://daxsolar.it/en)

	DAX 132 P10 505		DAX 132 P10 510		DAX 132 P10 515	
	STC	NMOT	STC	NMOT	STC	NMOT
<b>Maximum power</b> - $W_p$ [W]	505	407	510	411	515	415
<b>Maximum power voltage</b> - $V_{mp}$ [V]	40,23	38,31	40,27	38,35	40,31	38,39
<b>Maximum power current</b> - $I_{mp}$ [A]	12,56	10,47	12,67	10,56	12,78	10,65
<b>Open circuit voltage</b> - $V_{oc}$ [V]	46,89	44,66	46,93	44,70	46,97	44,73
<b>Short circuit current</b> - $I_{sc}$ [A]	13,19	10,99	13,30	11,08	13,42	11,18
<b>Module efficiency</b> - [%]	21,27		21,48		21,69	
<b>Power class</b> - [W]	-0 + 4,99					
<b>Maximum system voltage</b> - [V]	1500 DC					
<b>Maximum series fuse rating</b> - [A]	30					

STC VALUE: 1000 W/m<sup>2</sup>, AM 1.5, temperature 25 °C. | NMOT: 800 W/m<sup>2</sup>, AM 1.5, temperature 20 °C, wind speed 1 m/s, tolerance +/-3 %

Mechanical parameter	
<b>Module dimension</b>	2094 x 1134 x 30 (35*) mm
<b>Weight</b>	25 kg
<b>Solar cells technology</b>	P-Type PERC M10
<b>No. of cells</b>	132 half cut
<b>Glass</b>	32 mm High Transmission, AR Coated Heat Strengthened Glass
<b>Frame</b>	Anodized Aluminium Alloy
<b>Junction box</b>	IP68 3 bypass diodes
<b>Connector</b>	MC4 or compatible
<b>Output cable length</b>	1000 mm**
<b>Cable size</b>	4 mm <sup>2</sup>
<b>Mechanical load</b>	5400 / 2400 Pa
<b>Safety class</b>	Class II

\*On Request | \*\*Customizable on request



Temperature coefficient	
<b>Temperature coefficient at P<sub>Max</sub></b>	-0,38 %/°C
<b>Temperature coefficient at V<sub>oc</sub></b>	-0,36 %/°C
<b>Temperature coefficient at I<sub>sc</sub></b>	+0,07 %/°C
<b>Operational Temperature</b>	-40 / +85 °C
<b>NMOT</b>	44 ±2 °C

Packaging configuration	
<b>Pallet dimension</b>	2100 x 1140 x 1200 mm
<b>Pallet weight</b>	920 kg
<b>Pcs per pallet</b>	36 pz
<b>Pallet per truck</b>	24 pz
<b>Pallet per container</b>	22 pz

Please read the product assembly and safety manual before installation. Specifications in this data sheet are subject to change without notice.

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