

DAX 144 P

Monofacial Module P-Type PERC

550-560W

Power

21,68%

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 and EN 13501-1 Class E



ENVIRONMENT CONDITION

Resistant to harsh environments



POWER CLASS

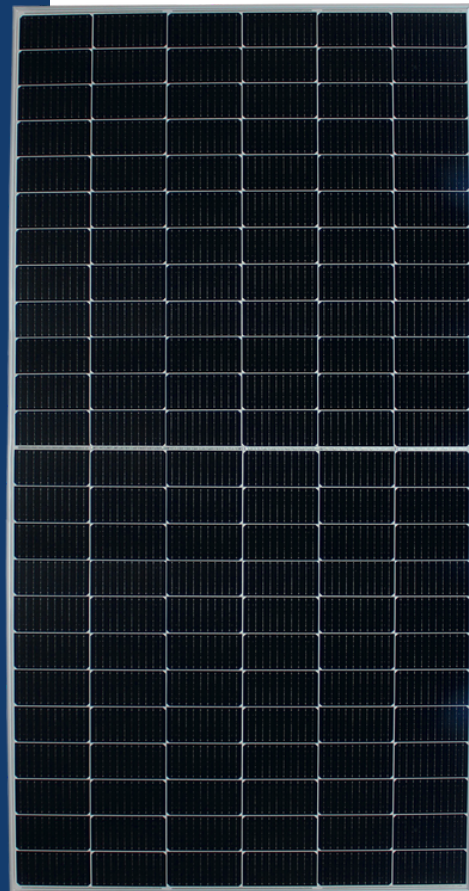
0+4,99 Watt Positive Tolerance



WARRANTY

20 years product warranty
30 years linear power output warranty

MADE IN EUROPE



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



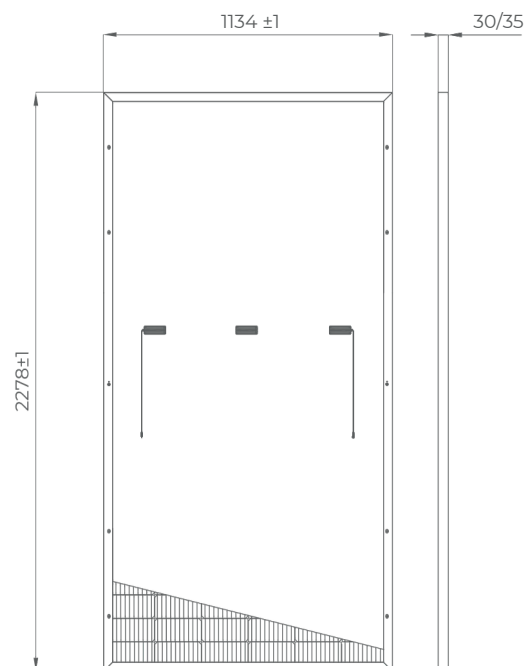
daxsolar.it/en

	DAX 144 P10 550		DAX 144 P10 555		DAX 144 P10 560	
	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power - Wp [W]	550	444	555	448	560	452
Maximum power voltage - Vmp [V]	42,64	40,61	42,93	40,89	43,22	41,16
Maximum power current - Imp [A]	12,90	10,75	12,93	10,78	12,96	10,80
Open circuit voltage - Voc [V]	50,22	47,83	50,46	48,06	50,70	48,29
Short circuit current - Isc [A]	13,70	11,42	13,73	11,44	13,76	11,47
Module efficiency - [%]	21,29		21,48		21,68	
Power class - [W]	-0 + 4,99					
Maximum system voltage - [V]	1500 DC					
Maximum series fuse rating - [A]	30					

STC VALUE: 1000 W/m², AM 1.5, temperature 25 °C. | NMOT: 800 W/m², AM 1.5, temperature 20 °C, wind speed 1 m/s, tolerance +/-3 %

Mechanical parameter	
Module dimension	2278 x 1134 x 30 (35*) mm
Weight	27 kg
Solar cells technology	P-Type PERC M10
No. of cells	144 half cut
Glass	3,2 mm High Transmission, AR Coated Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 bypass diodes
Connector	MC4 or compatible
Output cable length	1000 mm**
Cable size	4 mm ²
Mechanical load	5400 / 2400 Pa
Safety class	Class II

*On Request | **Customizable on request



Temperature coefficient		Packaging configuration	
Temperature coefficient at PMax	-0,38 %/°C	Pallet dimension	2290 x 1140 x 1200 mm
Temperature coefficient at Voc	-0,36 %/°C	Pallet weight	990 kg
Temperature coefficient at Isc	+0,07 %/°C	Pcs per pallet	36 pcs
Operational temperature	-40 / +85 °C	Pallet per truck	22 pcs
NMOT	44 ±2 °C	Pallet per container	20 pcs

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