



525-550 W High Performance Module

XC6-525~550MX-E3 Black Line



Positive Power Tolerance

0 /+5 %



Superior module efficiency

max efficiency 21,29%



Glass

3.2 mm High Transmission, Low Iron, Tempered Glass



Moisture Protection

IP68



Warranty

Material and workmanship 12 years

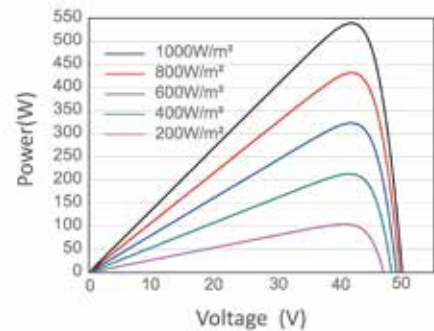
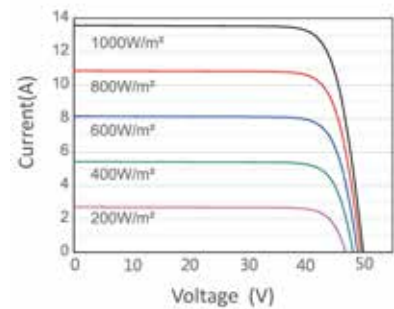
Linear Power Output 25 Jahre

10 years 91,2% Power Output

25 years 84,8% Power Output



Performance



KXINNO GmbH

Thurn und Taxis Platz 6

Nextower

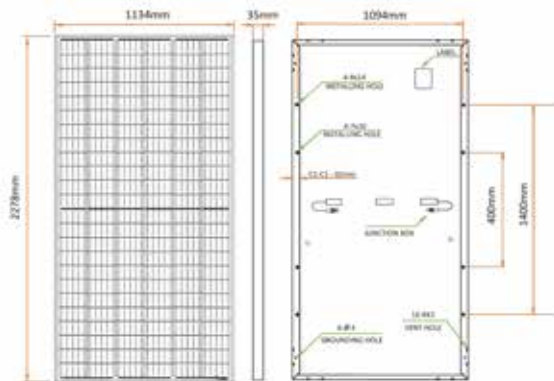
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Kontakt

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Characteristics

Temperature Coefficient of Voc	-0,27 %/°C
Temperature Coefficient of Isc	+0,048 %/°C
Temperature Coefficient of Pmax	-0,35 %/°C
Operating Temperature	-40°C/+85 °C
Nominal operating Temperature	45°C +/- 2 °C

Electrical Characteristics STC

Type	XC6-525MX-E3	XC6-530MX-E3	XC6-535MX-E3	XC6-540MX-E3	XC6-545MX-E3	XC6-550MX-E3
Maximum Power P_{Max}	525W	530W	535W	540W	545W	550W
Open Circuit Voltage V_{OC}	49.20V	49.35V	49.50V	49.65V	49.80V	49.95V
Short Circuit Current I_{SC}	13.55A	13.64A	13.73A	13.81A	13.90A	13.99A
Maximum Power Voltage V_{MPP}	41.35V	41.50V	41.65V	41.80V	41.95V	42.10V
Maximum Power Current I_{MP}	12.70A	12.77A	12.85A	12.92A	12.99A	13.06A
Module Efficiency	20.32%	20.52%	20.71%	20.90%	21,10%	21.29%
Power Tolerance	0 / + 5%					
Max. System Voltage	1500 V _{DC}					
Max. Series Fuse Rating	25A					

Values of Standard Test Conditions (STC) 1000 W/m², Cell Temperature +25 °C, AM 1,5



Dimension	2278×1134×35mm
Weight	27 kg
Cell Type	144 MonoP-Type, Half Cut Cells 182x 182 mm
Glass	3.2 mm High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 with Bypass-Diodes
Output Cable	4.0mm ² (EU) 300 mm, length can be customized
Container	40' HQ
Pallets per Container	20
Pieces per Container	620