

GALILEO

KSPP-72



72 cell

Polycrystalline

18,4%

Maximum Efficiency

0 ~ +3%

Positive Power Tolerance

325 - 350

Peak Power Range

STRONG MECHANICAL LOAD CAPACITY

Certified for 5400Pa snow and 3600Pa wind loads test



LOW LIGHT PERFORMANCE

Advance glass and surface texturing allow for excellent performance in low light enviroments

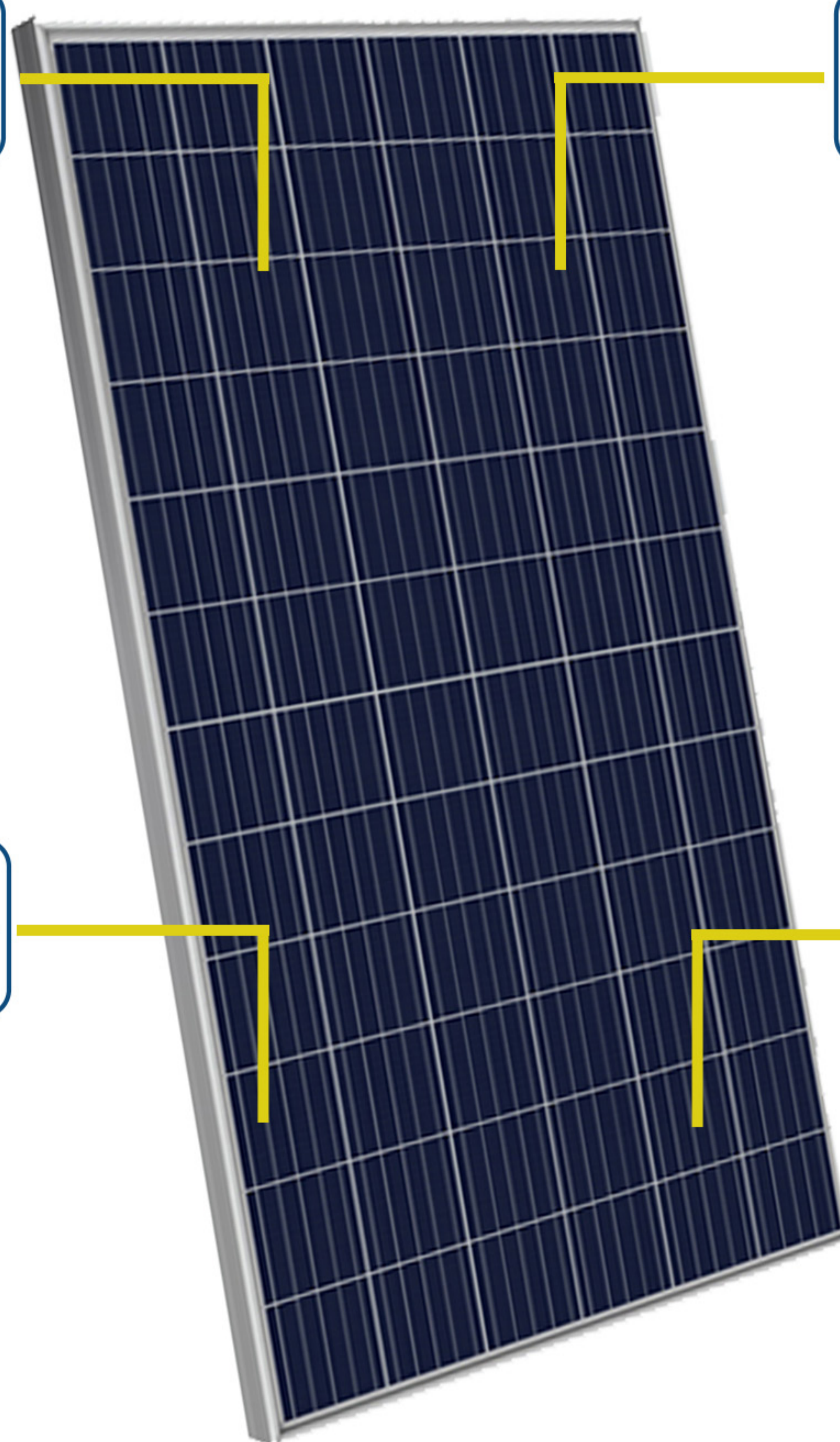
ANTI-PID

Resistance to degradation induced by potential



MULTI BUSBAR SOLARCELL

New technology to improve the efficiency of modules



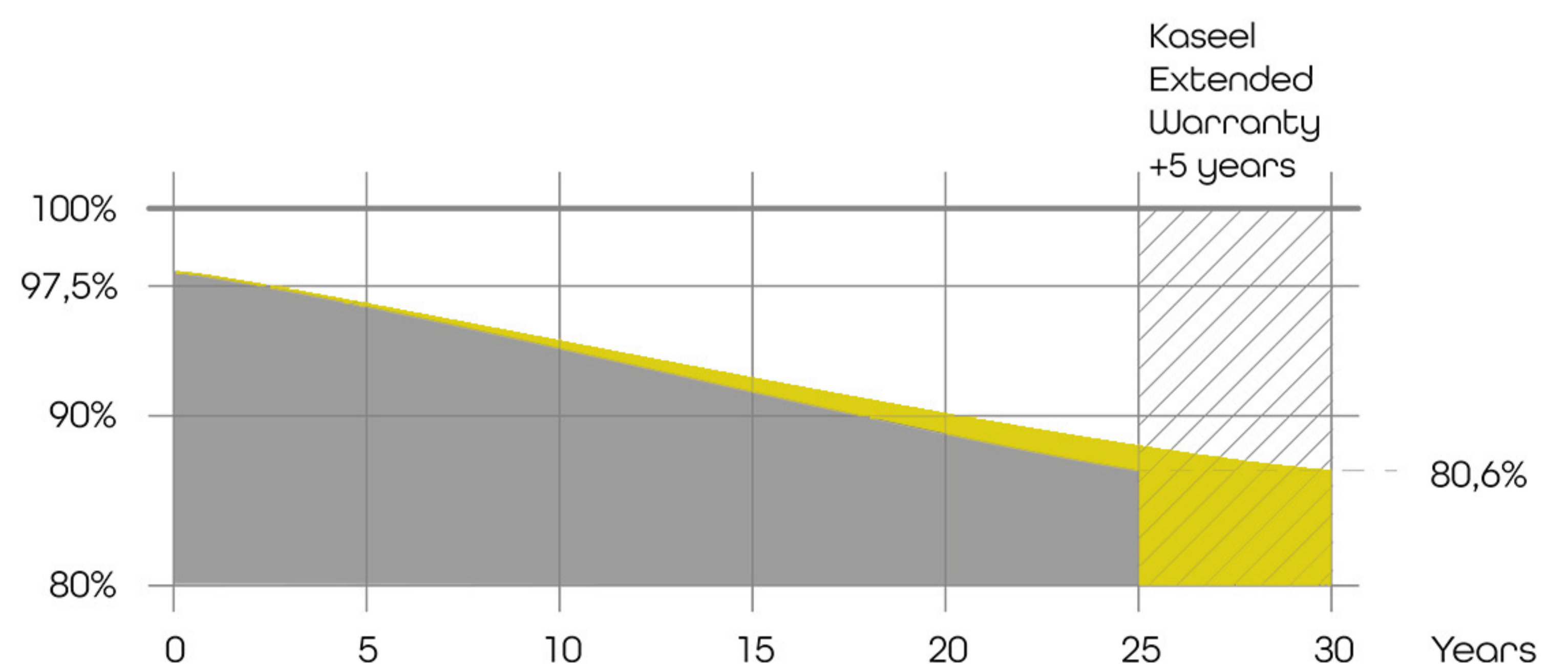
SPECIAL WARRANTY



80,6% of the nominal power output



Limited product warranty

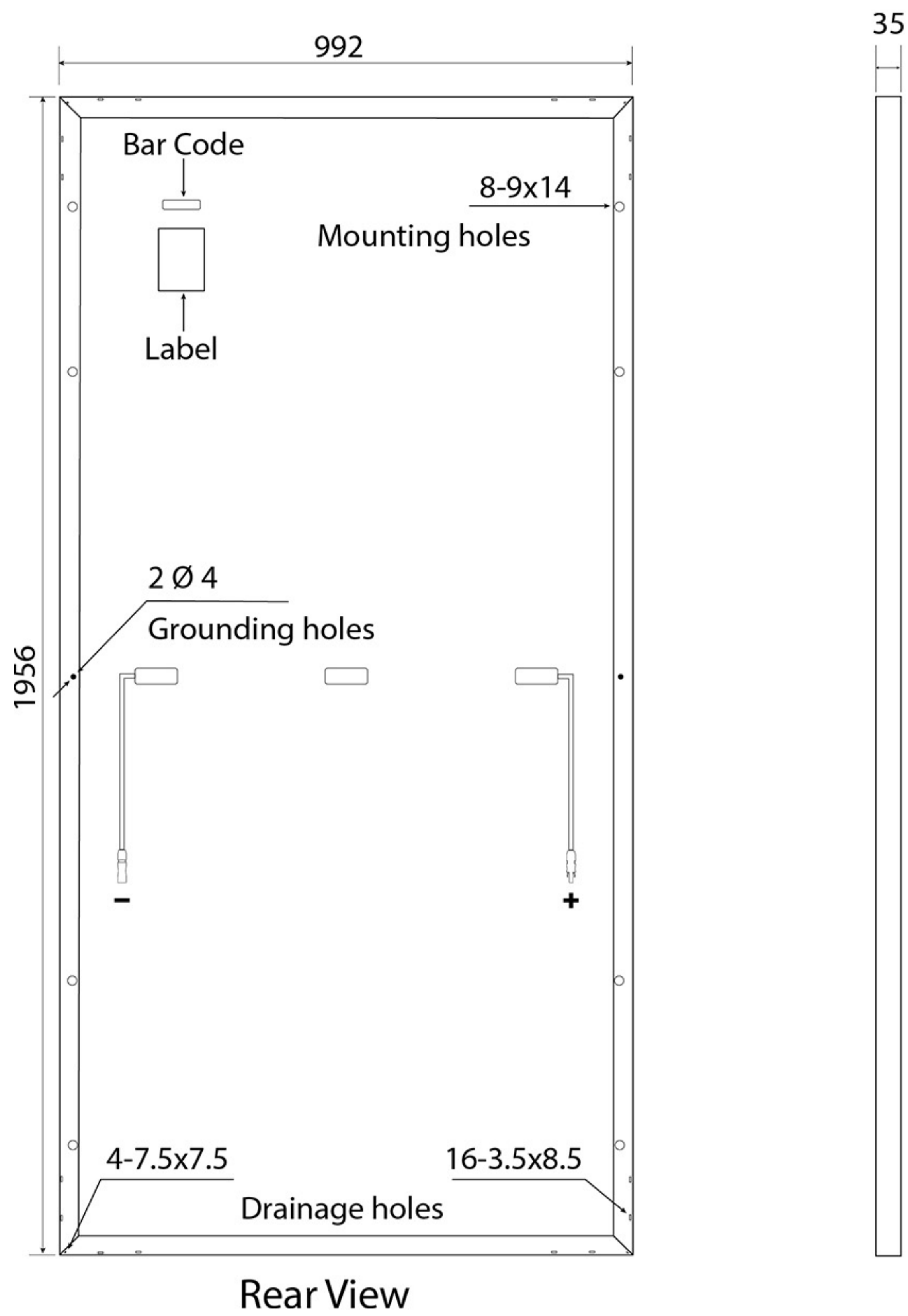


■ Linear performance warranty from Kaseel Solar.
■ Standard performance warranty.



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ENGINEERING DRAWINGS



Specifications in this datasheet are subject to change without prior notice.

MECHANICAL CHARACTERISTICS

Cell type	5BB Polycrystalline 157x157mm
Number of cells	72 (6x12)
Module dimensions	1956x992x35 mm
Weight	23kg
Front cover	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68, 3 diodes
Cable	4mm ² - 1200mm or customized
Connector	MC4 compatible
Operating Temperature	-40°C ~+85°C
Maximum System Voltage	1500V DC
Fire Resistance Rating	Type 1/Class C (IEC61730)
Maximum Series Fuse Rating	15A

TEMP. CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	44°C ±2°C
Temperature Coefficients of Pmax	-0.36%/°C
Temperature Coefficients of VOC	-0.29%/°C
Temperature Coefficients of ISC	0.06%/°C

PACKAGING

Standard packaging	31 + 37pcs/pallet
Module quantity per 40' container	816 pcs

ELECTRICAL CHARACTERISTICS AT STC

Nominal Power (Pmax)	325W	330W	335W	340W	345W	350W
Open Circuit Voltage (VOC)	45.5V	45.8V	46.1V	46.4V	46.7V	47.0V
Short Circuit Current (ISC)	9.19A	9.25A	9.31A	9.37A	9.44A	9.51A
Voltage at Nominal Power (Vmp)	37.6V	37.8V	38.0V	38.2V	38.4V	38.7V
Current at Nominal Power (Imp)	8.64A	8.73A	8.82A	8.90A	8.98A	9.04A
Module Efficiency (%)	16.75	17.01	17.27	17.52	17.78	18.04

STC: Irradiance 1000W/m². Cell temperature 25°C. AM1.5

ELECTRICAL CHARACTERISTICS AT NOCT

Nominal Power (Pmax)	242W	245W	248W	252W	255W	260W
Open Circuit Voltage (VOC)	42.0V	42.3V	42.6V	42.9V	43.2V	43.5V
Short Circuit Current (ISC)	7.44A	7.49A	7.54A	7.59A	7.63A	7.72A
Voltage at Nominal Power (Vmp)	34.4V	34.7V	35.0V	35.3V	35.6V	35.9V
Current at Nominal Power (Imp)	7.03A	7.06A	7.08A	7.13A	7.16A	7.24A

NOCT: Irradiance 800W/m². Ambient temperature 20°C. Wind Speed 1 m/s

CURVES

