

BEAGLE

KSPP-60



60 cell

Policrystalline
PERC

18,13%

Maximum Efficiency

0 ~ +3%

Positive Power Tolerance

270 - 295

Peak Power Range

STRONG MECHANICAL LOAD CAPACITY

Certified for 5400Pa snow
and 3600Pa wind loads test

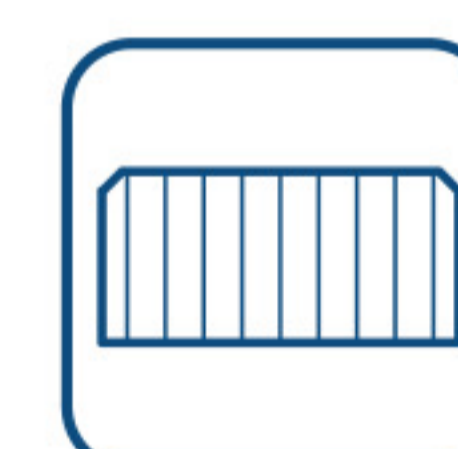


LOW LIGHT PERFORMANCE

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

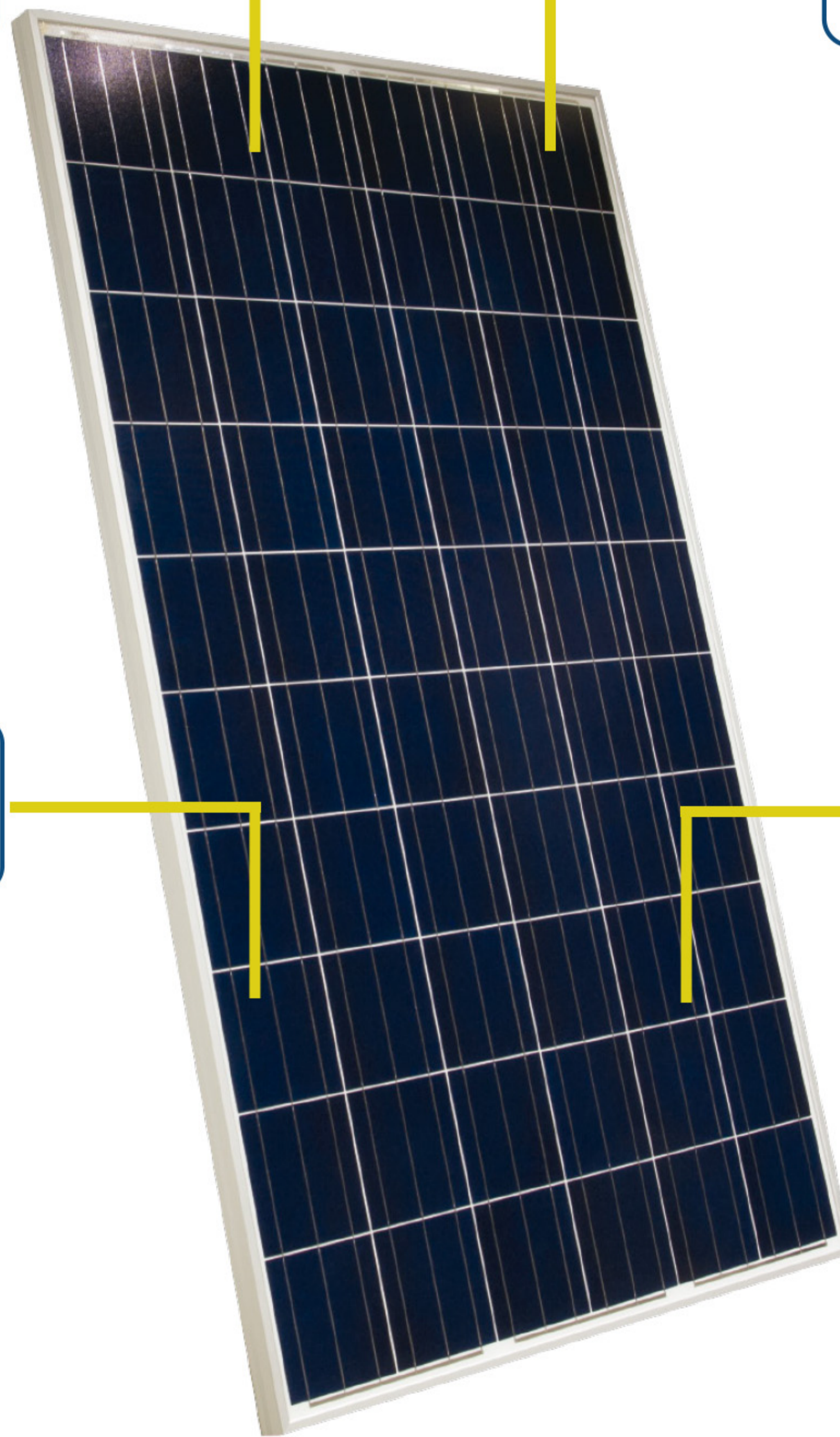
ANTI-PID

Resistance to degradation
induced by potential



MULTI BUSBAR SOLARCELL

New technology to improve
the efficiency of modules



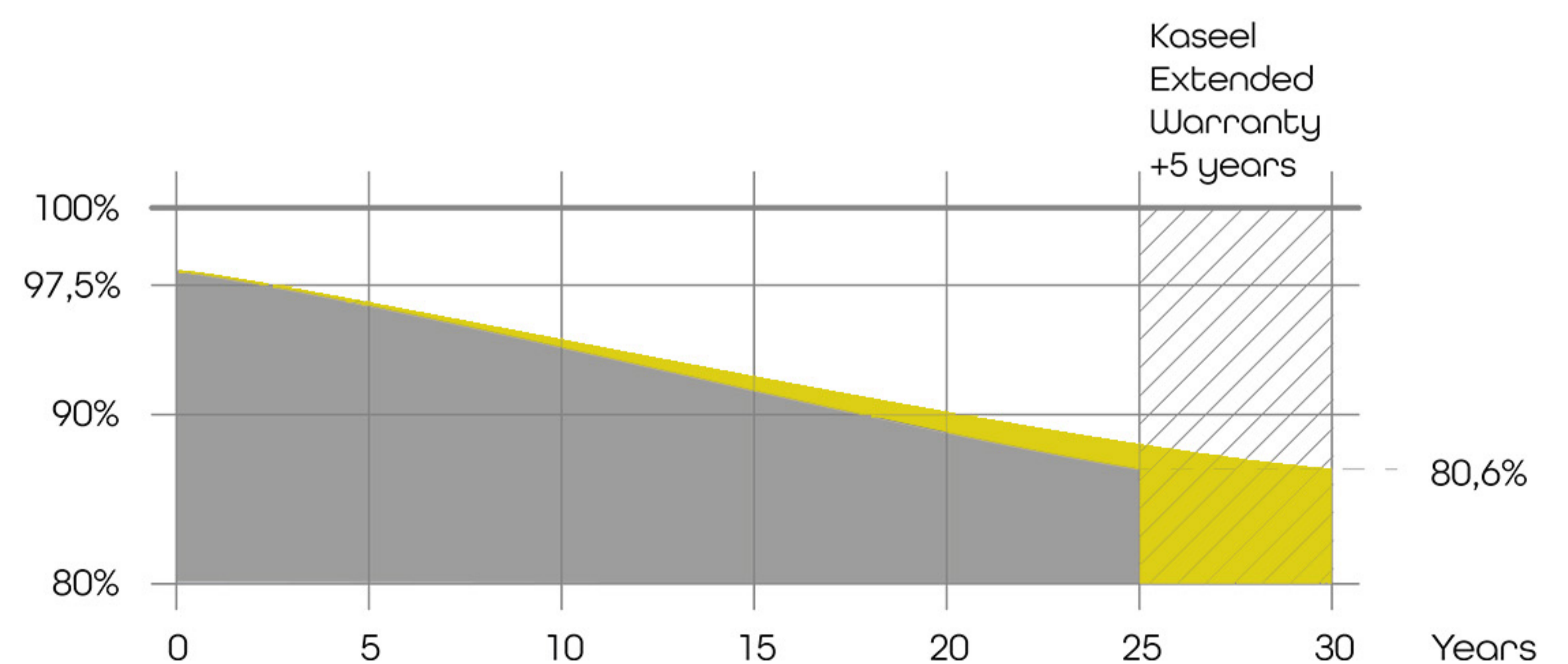
SPECIAL WARRANTY



80,6% of the nominal
power output



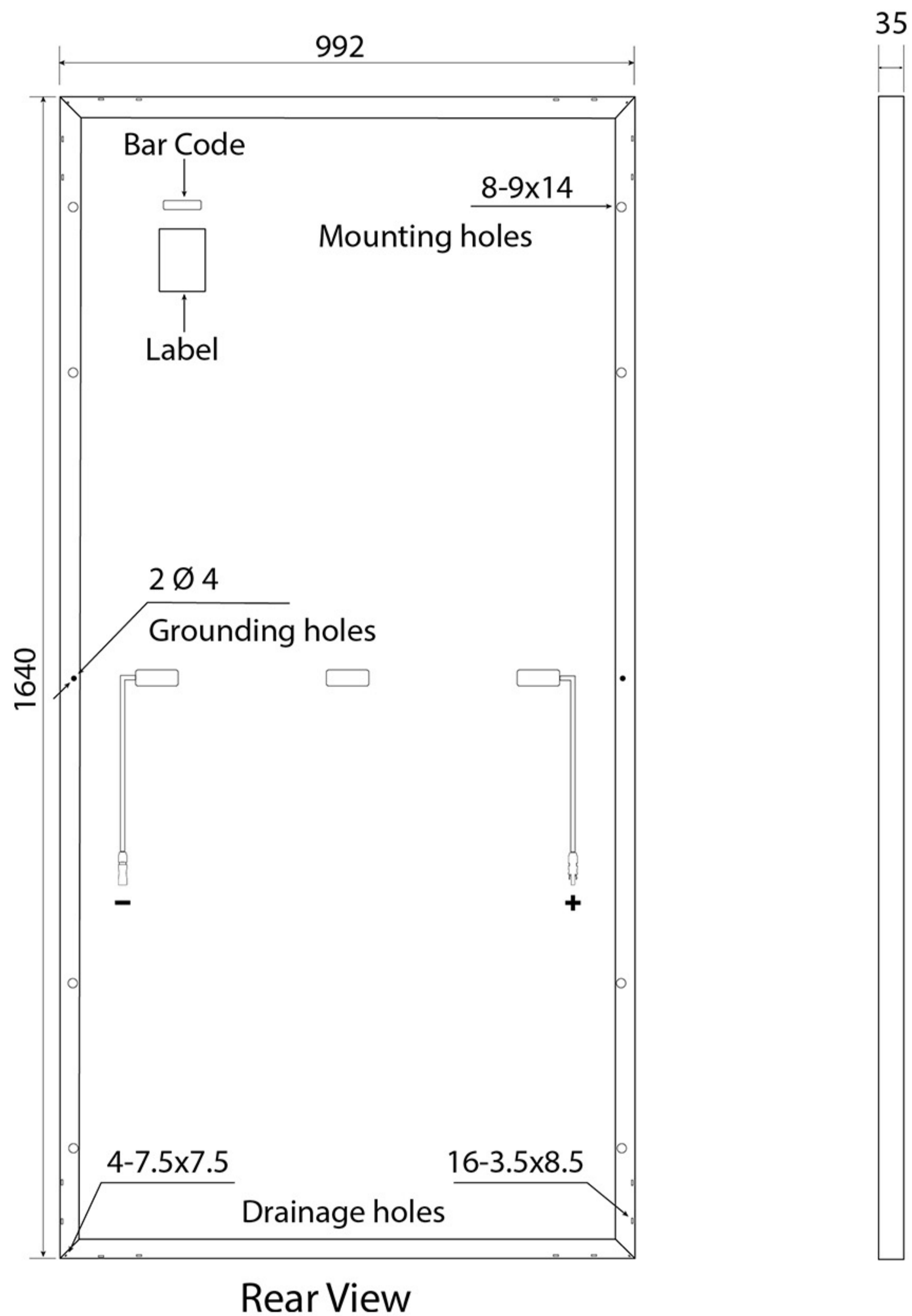
Limited product
warranty



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



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

Cell type	5BB Polycrystalline 156.75x156.75mm
Number of cells	60 (6x10)
Module dimensions	1640x992x35 mm
Weight	17,5kg
Front cover	3.2mm Low iron tempered glass with AR coating
Frame	Clear anodized aluminum alloy
Junction box	IP68, 3 diodes
Cable	4mm ² - 1200mm
Connector	MC4 or MC4compatible
Operating Temperature	-40°C ~+85°C
Maximum System Voltage	1000V DC
Fire Resistance Rating	Type 1/Class C (IEC61730)
Maximum Series Fuse Rating	15A

TEMP. CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	43°C ±2°C
Temperature Coefficients of Pmax	-0.39%/°C
Temperature Coefficients of VOC	-0.30%/°C
Temperature Coefficients of ISC	0.05%/°C

PACKAGING

Standard packaging	30 pcs/pallet
Module quantity per 40' container	924 pcs

ELECTRICAL CHARACTERISTICS AT STC

Nominal Power (Pmax)	270W	275W	280W	285W	290W	295W
Open Circuit Voltage (VOC)	38.4V	38.6V	38.8V	39.0V	39.2V	39.4V
Short Circuit Current (ISC)	9.15A	9.26A	9.37A	9.48A	9.59A	9.70A
Voltage at Nominal Power (Vmp)	31.2V	31.4V	31.6V	31.8V	32.0V	32.2V
Current at Nominal Power (Imp)	8.66A	8.76A	8.87A	8.97A	9.07A	9.17A
Module Efficiency (%)	16.60	16.90	17.21	17.52	17.83	18.13

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

ELECTRICAL CHARACTERISTICS AT NOCT

Nominal Power (Pmax)	200W	204W	207W	211W	215W	218W
Open Circuit Voltage (VOC)	35.5V	35.4V	35.7V	35.9V	36.1V	36.3V
Short Circuit Current (ISC)	7.41A	7.50A	7.59A	7.68A	7.77A	7.86A
Voltage at Nominal Power (Vmp)	28.4V	28.6V	28.8V	29.0V	29.2V	29.4V
Current at Nominal Power (Imp)	7.05A	7.14A	7.19A	7.28A	7.37A	7.42A

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

CURVES

