

POLYCRYSTALLINE MODULES VG – P 230-255 W

Tempered glass with high optical transmittance

High efficiency cells, mechanical strength

Efficiency and reliable performance



ELECTRICAL CHARACTERISTICS

	Watts	230	235	240	245	250	255
Maximum power (Pmpp)	Watts	230	235	240	245	250	255
Tolerance	%						
Voltage at maximum power (Vmpp)	Volts	29.4	29.6	30.1	30.4	30.6	30.7
Current at maximum power (Impp)	Amperes	7.81	7.84	7.97	8.06	8.17	8.35
Open circuit voltage (Voc)	Volts	36.34	36.71	36.92	37.01	37.12	37.21
Short circuit current (Isc)	Amperes	8.35	8.42	8.56	8.57	8.69	8.74
Maximum system voltage (Vsyst)	Volts	600 (UL) 1000 (IEC)					
Diodes (By-pass)	Quantity	3 pcs or 6 pcs					
Efficiency (ηm)	%	14.1	14.4	14.7	15.0	15.3	15.6

MECHANICAL CHARACTERISTICS

Size	mm	1650x992x40
Weight	Net	22 kg
Frame	Material	Electrophoresis silvery white
Cells	Type	Polycrystalline
	Quantity	6 x 10 = 60
	Size	156 x 156 mm.
Encapsulation	Materials	High-strength 3,2mm low-iron tempered glass, anti-aging EVA and TPT composite membrane with excellent weatherability
Junction box	Type	PVRH0502B

CHECK FOR
AVAILABILITIES





TEMPERATURE COEFFICIENTS

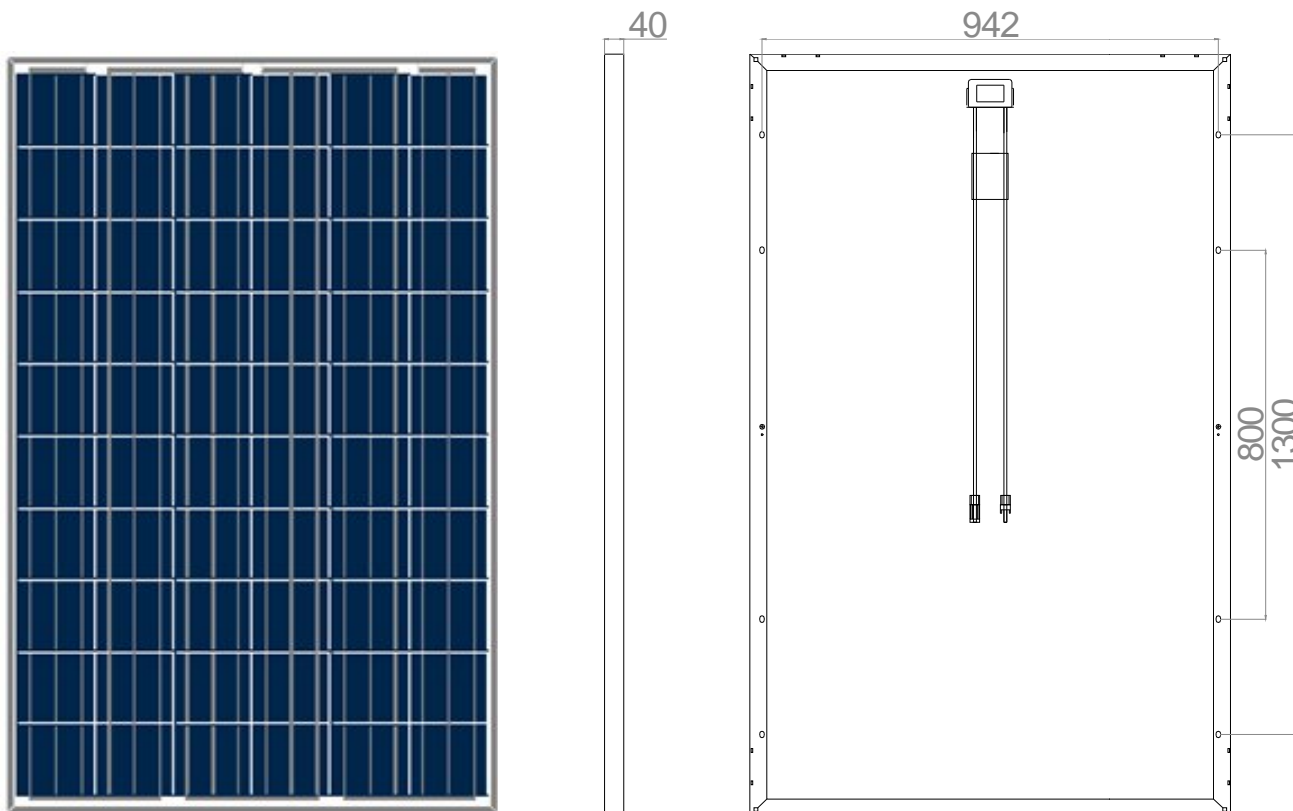
Power temperature coefficient	-0.43 %/°C
Current temperature coefficient	0.02 %/°C
Voltage temperature coefficient	-0.34 %/°C
NOCT (Nominal Operating Cell Temperature)	+ 47 ± 2 °C
Working temperature	- 40 ~ + 85 °C

WARRANTIES

10 years limited warranty on material and workmanship

90% performance assurance on 12 years

80% performance assurance on 25 years



Spain
 Calle Almendralejos 25
 2814 Madrid
 Tel./Fax: (+34) 916203245
 Mobile: (+34) 646180927

Italy
 Via Della Poesia 5
 547030 (FC)
 Tel./Fax: (+39) 5411793069
 Mobile: (+34) 3474533429

Bulgaria
 D. Manovstreet
 1408 Sofia
 Mobile: (+359) 886 497607

I-V CURVES

