



# yohkon

E N E R G Í A

## POLICRYSTALLINE MODULE YE6220P

### DESCRIPTION

The **YE6220P** panel offers the best market guarantees, based on the initial nominal power, i.e. guarantees more power during longer periods of time.

In addition, the bypass diodes use state-of-the-art technology, which limits the loss of energy in the event of partial module shading. As one of the most efficient modules manufactured by Yohkon Energia, the YE6220P is particularly suitable for those applications that require maximum energy production in a limited area.

The YE6220P is designed for grid-connected systems such as commercial building roofs and photovoltaic plants.

### CHARACTERISTICS

The sheet structure consists of 4 mm tempered glass with a high degree of transmissibility on the front section, an EVA thermal stable encapsulant that involves the cells, and electrical insulation at the rear made up of a Tedlar and polyester compound.

The highly efficient 156x156mm<sup>2</sup> Polycrystalline cells feature an anti-reflective layer of nitride and flat copper electric contacts plated with a tin-silver alloy designed to improve welding performance.



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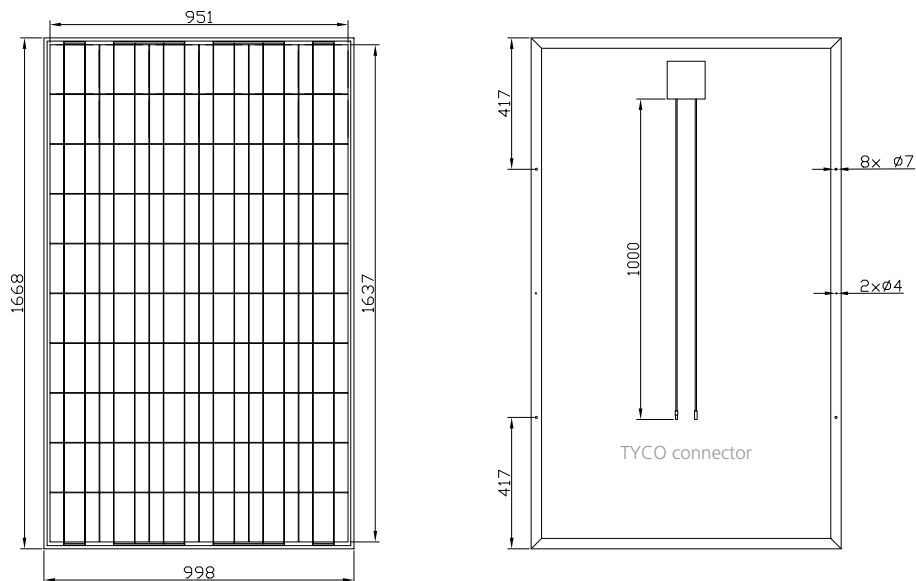
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## ELECTRICAL DATA AND FIGURES

PARAMETERS		YE6220P_210	YE6220P_215	YE6220P_220	YE6220P_225	YE6220P_230
Maximum power -1%,+3% ( $W_p$ )	$P_{mpp}$	210	215	220	225	230
Voltage at maximum power point (V)	$V_{mpp}$	29,64	29,85	30,12	30,24	30,48
Current at maximum power point (A)	$I_{mpp}$	6,98	7,1	7,23	7,31	7,49
Open circuit voltage (V)	$V_{oc}$	35,94	36	36,06	36,24	36,6
Short circuit current (A)	$I_{sc}$	7,6	7,78	7,95	8,04	8,17
Efficiency		12,6	12,9	13,2	13,5	13,8
Voltage		24				
Normal Operating Cell Temperature	NOCT	45°C				
Temp. coeff. open circuit voltage	$Tk(V_{oc})$	-0,16 V/°C				
Temp. coeff. short circuit current	$Tk(I_{sc})$	+0,06 %/°C				
Measurements		1668x998 mm.				
Width with frame, including connection box		45 mm.				
Weight		21 kg.				
Maximum system voltage		1000 $V_{DC}$				
Working temperature		-40°C a 85°C				
Wind resistance		>130km/h				
Maximum hailstone diameter		25 mm.				
Hailstone impact test speed		80 km/h				

\* Standard test condition: AM1.5, 1000W/m<sup>2</sup>, 25°C



**MODULE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH IEC-61215 STANDARDS AND CERTIFIED BY TÜV INTERCERT.**

10 years 90% production guarantee

25 years 80% production guarantee

5 years Product guaranteed against manufacturing defects



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