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# HBM 16498P Series

**Policrystalline 60 cell silicon modules      200 Wp      210 Wp      220 Wp      230 Wp**



## PV Module Specifications

(Test condition: 1000W/m<sup>2</sup>, AM1.5, 25°C)

Maximum power	<b>200 Wp</b>	<b>210 Wp</b>	<b>220 Wp</b>	<b>230 Wp</b>
Production tolerance	+3% / -3%	+3% / -3%	+3% / -3%	+3% / -3%
Voc – open circuit voltage	32.89 V	35.6 V	35.6 V	35.6 V
Isc – max. short circuit current	8.00 A	8.06 A	8.23 A	8.75 A
Vmpp – max. power voltage	27.23 V	28.4 V	28.4 V	28.4 V
Impp – max. power current	7.35 A	7.39 A	7.75 A	8.1 A
Dimensions:	1643 mm x 987 mm x 40 mm			
Weight:	19. kg			
Cell size:	156 mm x 156 mm			
Insulating voltage:	1000 V			
Temperature coefficient of Isc	+0.05%/°C			
Temperature coefficient of Voc	-0.34%/°C			
Temperature coefficient of power	-0.5%/°C			
Temperature coefficient of Im	+0.05%/°C			
Temperature coefficient of Vm	-0.34%/°C			
NOCT (Nominal operating cell temperature)	47°C(+2°C)			
Pressure resistance:	200 kg/m <sup>2</sup>			
Wind max.	60 m/s			
Impact resistance	227 g steel ball from 1 m height drop			
Cell conv. Efficiency	Min 15.7 %			
Warranty	2 years on product, 25 years on -20% power			