

RECOM - SILLIA

French Manufacturer of Photovoltaic Modules

Series 60P: 265 to 290 Wp

Let the sun work for you



Quality

Certification ISO 9001
Holder of the mark "Certisolis"



Components

Certified suppliers
Strict criteria for the selection of cells (Europe and Asia)
Anti reflective glass, MC4 Type connectors
Silver white and full black modules



Product

IEC 61215 and 61730 parts I and II
Load resistance -5400 pa
Hail impact resistance class 4
Max voltage 1000V/1500V



Warranty

Product: 12 years
1 year: Poly "Plus" (97%)
10 years at 90%, 25 years at 80% (linear)



Environment

Controlled carbon footprint
PV-Cycle member
OHSAS 18001 and ISO 14001



Environment

Class 250-380Wp -0/+4,99Wp
Poly or Mono cells
60 or 72 cells per module

This document has been written according to the EN 50380-2003 standard



Series 60P: Polycrystalline Silicon modules 60 cells

Electrical Performance STC ⁽¹⁾		60P265	60P270	60P275	60P280	60P285	60P290
P_{MPP}	[W]	265	270	275	280	285Á	290Á
Module Efficiency	[%]	16,13	16,43	16,74	17,04	17,35Á	17,40Á
V_{MPP}	[V]	30,80	31,06	31,28	31,51	31,74Á	31,96Á
I_{MPP}	[A]	8,60	8,69	8,79	8,89	8,99Á	9,17Á
V_{OC}	[V]	37,98	38,23	38,44	38,67	38,90Á	39,19Á
I_{CC}	[A]	9,15	9,23	9,32	9,41	9,49Á	9,63Á
Electrical Performance NOCT ⁽²⁾		60P265	60P270	60P275	60P280	60P285	60P290
P_{MPP}	[W]	192,0	197,3	200,7	204,3	207,8Á	209,6Á
V_{MPP}	[V]	28,66	28,90	29,10	29,31	29,52Á	30,01Á
I_{MPP}	[A]	6,76	6,83	6,90	6,97	7,04Á	7,15Á
V_{OC}	[V]	35,40	35,63	35,79	36,00	36,21Á	36,71Á
I_{CC}	[A]	7,25	7,31	7,38	7,45	7,51Á	7,57Á
Electrical Performance Low Irradiation ⁽³⁾		60P265	60P270	60P275	60P280	60P285	60P290
P_{MPP}	[W]	50,1	51,0	51,9	52,8	53,7Á	54,6Á

Tolerance measurements may vary to +/-2.5%

Classification type: 0 / + 5Wc or customized

(1) Values corrected according to standardized test conditions STC: solar irradiance of 1000W/m²; AM 1.5; cell temperature 25°C.Á

(2) Values corrected according to test conditions NOCT: solar irradiance of 800 W / m²; AM 1.5, NOCT cell temperature.Á

(3) Corrected values according to Low Irradiation test conditions: solar irradiance of 200 W / m²; AM 1.5; cell temperature 25°C.

Given the continuous evolution of our products, these values are indicative and subject to modifications without prior information.Á

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Thermal coefficients	
Coeff. / I_{CC}	+ 0,04 %/KÁ
Coeff. / V_{OC}	- 0,30 %/KÁ
Coeff. / P_{MPP}	- 0,40 %/KÁ
NOCT: 47°CÁ	

Connection conditions	
Protection class II, IP 67	Maximum Voltage: 1000V/1500V
Operating temperature: -40°C / +85°CÁ	
Reverse current max: 15 A	
Fuse series: 15 ÁÁ	

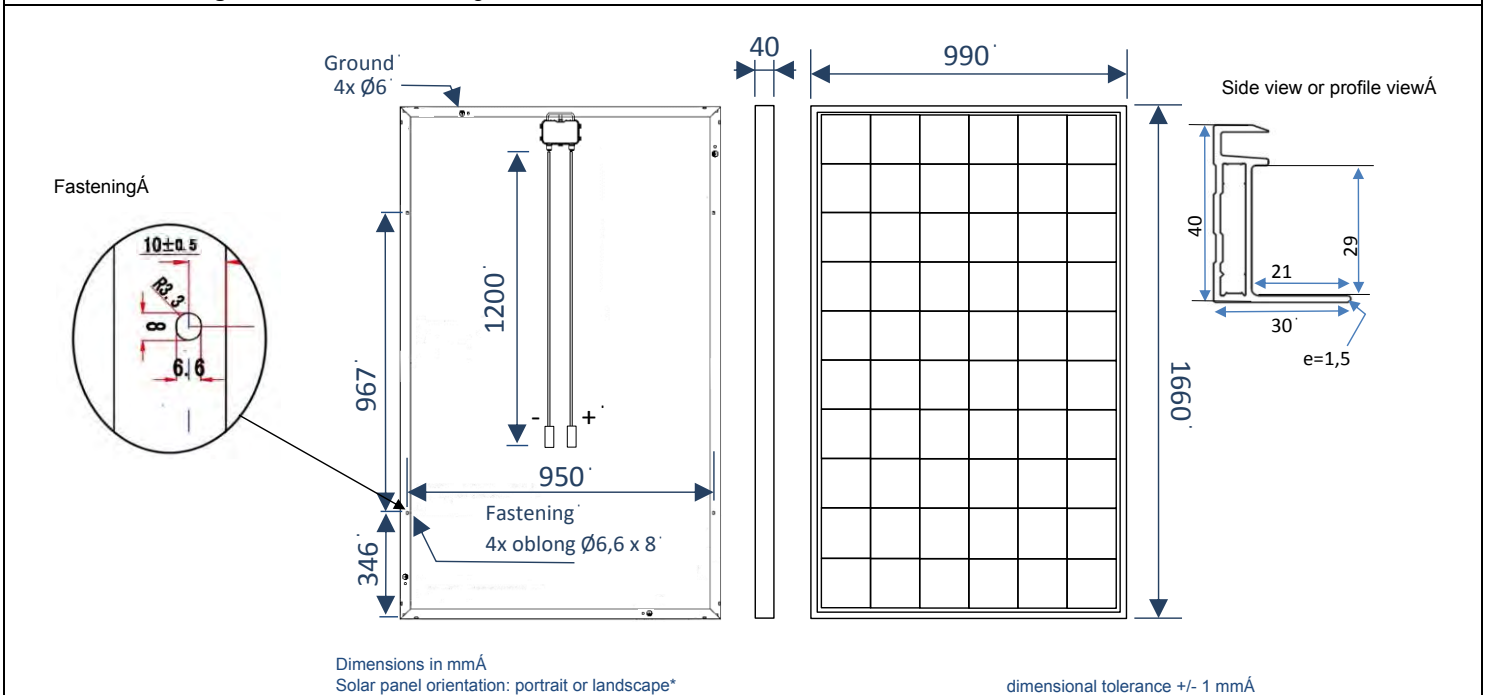


refer also to the installation instructionsÁ

Technical data and dimensions

Frame: Aluminium anodizedÁ
Front side: Tempered glass (EN12150)
Backsheet: PET synthetic film
Weight of the module: 18 kgÁ

Junction box: IP67, 3 bypass diodes
Cells: Polycrystalline silicon 6 "
Connectors: GZX / MC4



Please select upon placing an order

- | | | |
|---------------------------------|--|--|
| Color Backsheet / Frame: | <input type="checkbox"/> White / Aluminum | <input type="checkbox"/> Black / Black |
| Connectors: | <input type="checkbox"/> MC4 compatible (standard) | <input type="checkbox"/> Multicontact MC4 |
| Type of Glass: | <input type="checkbox"/> Anti-reflective 3,2mm | <input type="checkbox"/> Near airport use, thickness 4 mm (1)Á |
- (1) Module weight: 20kgÁ