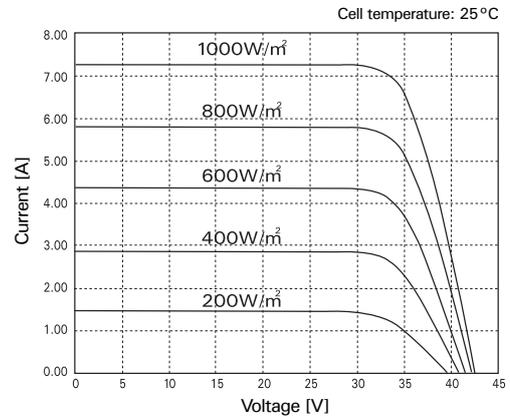


Models HIP-xxxHDE1			
Electrical data	230	225	220
Maximum power (Pmax) [W]	230	225	220
Max. power voltage (Vpm) [V]	34.3	33.9	33.5
Max. power current (Ipm) [A]	6.71	6.64	6.57
Open circuit voltage (Voc) [V]	42.3	41.8	41.4
Short circuit current (Isc) [A]	7.22	7.14	7.07
Warranted min. power (Pmin) [W]	218.5	213.8	209.0
Maximum over current rating [A]	15		
Output power tolerance [%]	+ 10/-5		
Max. system voltage [Vdc]	1000		
Temperature coeff. of Pmax [%/°C]	-0.3		
Temperature coeff. of Voc [V/°C]	-0.106	-0.105	-0.104
Temperature coeff. of Isc [mA/°C]	2.17	2.14	2.12

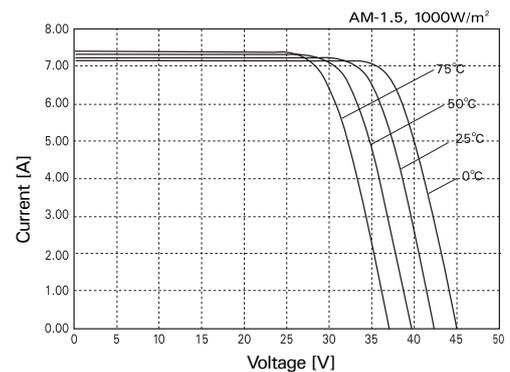
Note 1: Standard test conditions: Air mass 1.5, Irradiance = 1000 W/m², Cell temperature = 25 °C.
Note 2: The values in the above table are nominal.

Reference data for model HIP-230HDE1

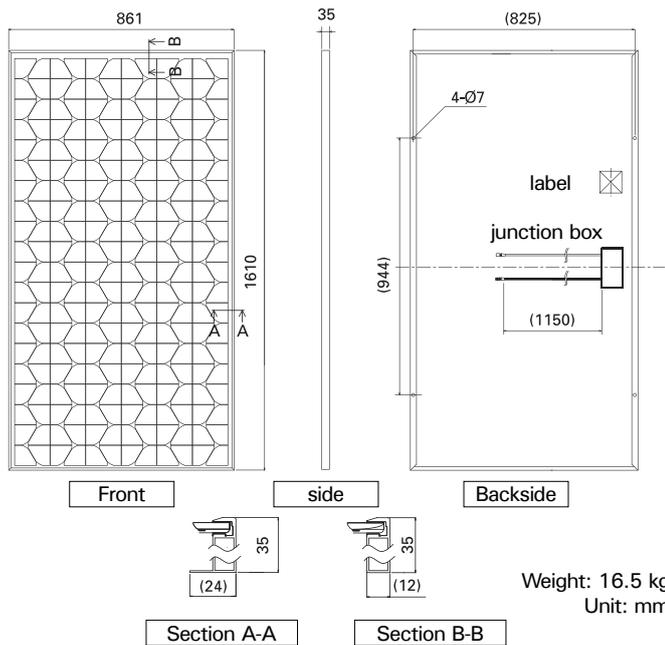
Dependence on irradiance



Dependence on temperature



Dimensions and weight



Certificates

IEC 61730 IEC 61215



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection



Electrical Protection Class II

Please consult your local dealer for more information.

CAUTION! Please read the operating instructions carefully before using the products.

Due to our policy of continual improvement the products covered by this brochure may be changed without notice.

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