

Typical Electrical Characteristics

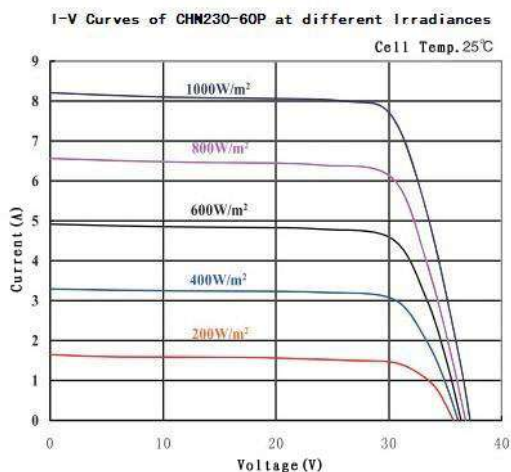
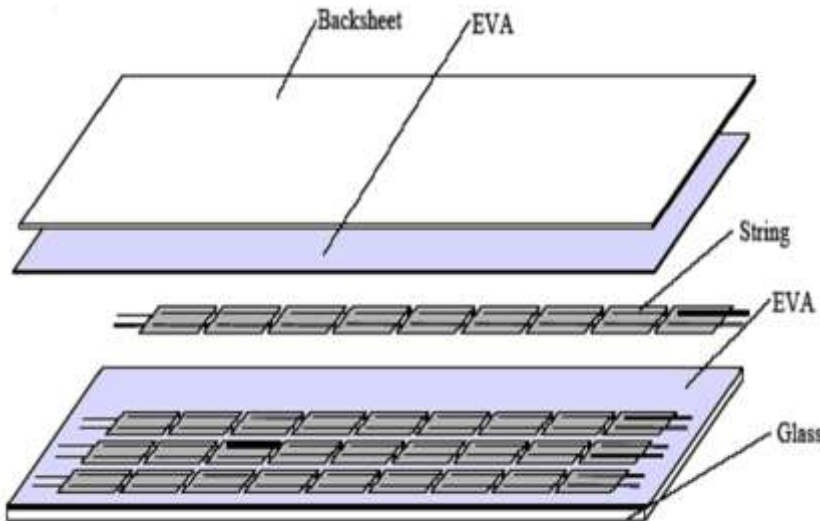
Standard PV Modules

Model Number	UOM	THK220-60P	THK230-60P	THK235-60P	THK240-60P	THK245-60P	THK250-60P	THK260-60P
RatedMaximumPower-Pmax	WP	220	230	235	240	245	250	260
Power Tolerance	%	-1~+3	-1~+3	-1~+3	-1~+3	-1~+3	-1~+3	-1~+3
Maximum Power Voltage-Vmp	V	29.1	29.1	29.8	30.0	30.4	30.6	30.9
Maximum Power Current-Imp	A	7.56	7.90	7.88	8.00	8.05	8.17	8.42
Open Circuit Voltage-Voc	V	36.2	36.2	35.6	35.7	36.1	36.3	36.7
Short Circuit Current-Isc	A	8.32	8.60	8.43	8.57	8.63	8.71	8.89
Maximum System Voltage-VDC	V	1000						
EncapsulatedSolar Cell Efficiency-ηc	%	15.53	16.24	16.59	16.94	17.30	17.65	18.36
Module Efficiency-ηm	%	13.55	14.17	14.47	14.78	15.09	15.40	16.01
Solar Cell and Configuration		60 cells (156x156mm) in a 6x10 matrix connected in series						
Solar Cell Technology & Size	mm	Poly Crystalline 156x156mm						
Cable Type,Diameter		4 mm ² (12AWG),TUV certified						
Type of Connector		MC4/T4 TI-LANE						
Junction Box Type		PV-A24302;PV-MH260C;PV-JB003A;PV-A14601;LY0912-1						
Bypass Diodes Type		Schottky						
Maximum Series Fuse Rating	A	15						
Temperature coefficient of Power	%/°C	- 0.44						
Temperature coefficient of Voc	%/°C	- 0.34						
Temperature coefficient of Isc	%/°C	0.06						
NOCT	°C	45°C ±2°C						
Standard Test Conditions	STC	STC:1000W/m ² ,spectrum AM1.5 and cell temperature 25° C						
Operating Temperature	°C	- 40to+85°C						

Mechanical&Packaging Characteristics

Dimensions (length/width/thickness)	mm	1640x990x40
Installation Hole Dimensions AxB xC	mm	700x1200x942
Cable Length	mm	900
Weight	kg	21
Number of installation Holes in Frame		8
Construction		Superstrate:High transmission 3.2mm tempered low iron glass;Substrate:White BackSheet; Encapsulant: Fast Cure EVA
Frame		Clear anodized aluminium alloy type 6063T5; Color -silver

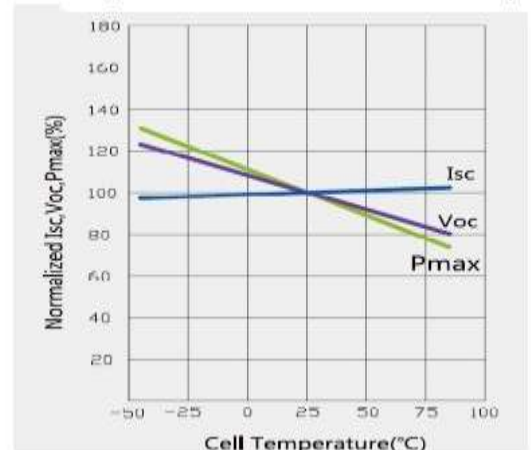
We focus on precise production and provide Customer with best cost-effective products to create Market Value for Customer

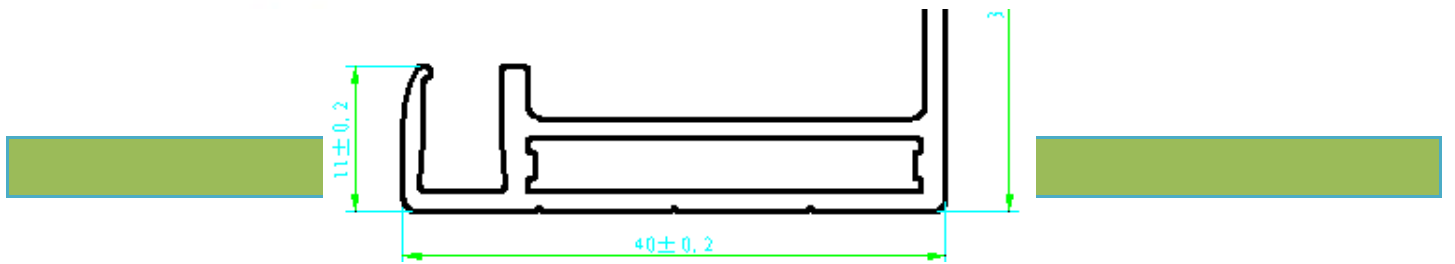
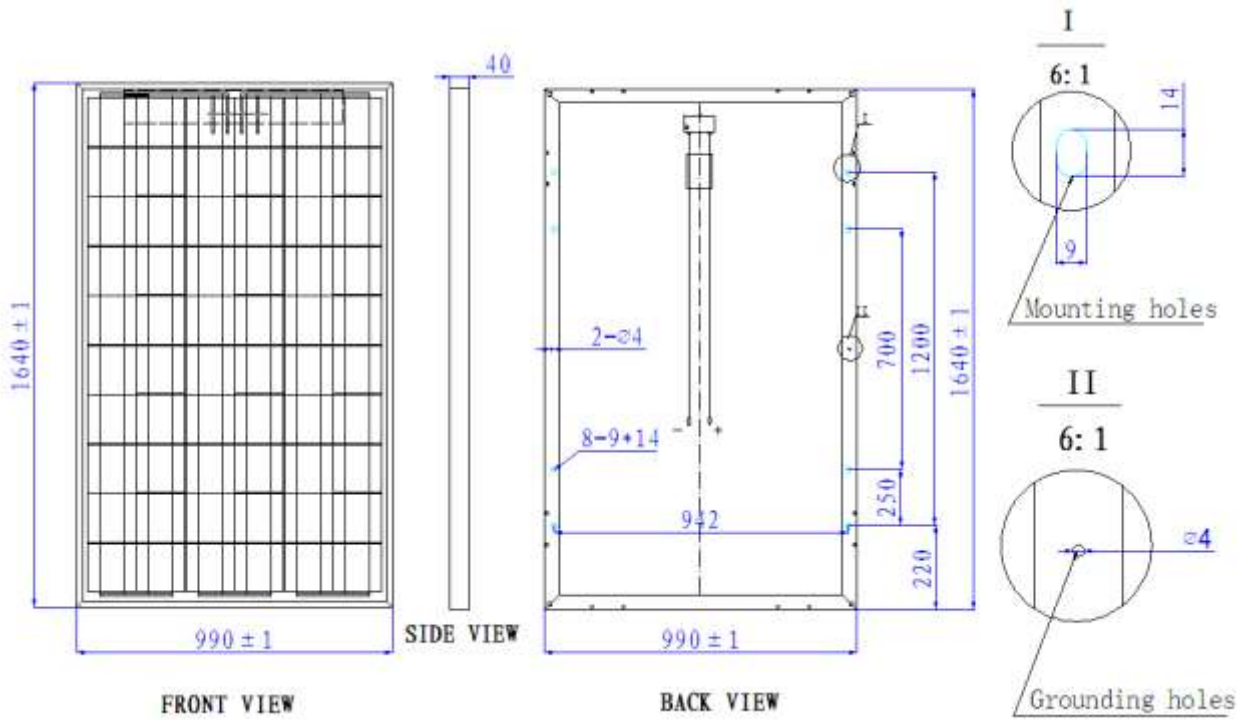


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Power voltage current curve at different temperature





<p>Customer Driven Product Portfolio Market Focused European Insurance ARC with High Transmission Superstrate > 95%-Premium Products Industry Leading Snow Loading Capacity Proven Key Raw Materials Selection 100% Electro Luminescence Pre-screening 10 Years Workmanship Warranty</p>	<p>Manufacturing: 10 years Power Production: 90%: 10 years 80%: 25 years</p>	<p>ISO14001 OHSMS18001</p>

