

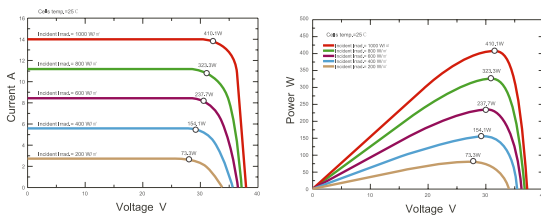
PV680-700HJT

680-700 Watt

210 mm 132 Cells Bifacial PV Module



Current-Voltage & Power-Voltage Curves



Electrical Characteristics

Module Type	PV680HJT		PV685HJT		PV690HJT		PV695HJT		PV700HJT	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Testing Condition	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power (Pmax/W)	680	750	685	756	690	761	695	767	700	772
Open Circuit Voltage (Voc/V)	49.50	49.50	49.66	49.66	49.82	49.82	49.98	49.98	50.13	50.13
Short Circuit Current (Isc/A)	17.19	18.96	17.25	19.04	17.31	19.09	17.37	19.17	17.43	19.22
Optimum Operating Voltage (Vmp/V)	41.49	41.49	41.65	41.65	41.80	41.80	41.95	41.95	42.10	42.10
Optimum Operating Current (Imp/A)	16.39	18.08	16.45	18.16	16.51	18.21	16.57	18.29	16.63	18.34
Module Efficiency (ηm/%)	21.9		22.1		22.2		22.4		22.5	
Power Tolerance	0/+4.99 W									
Maximum System Voltage	1500 VDC (IEC /UL)									
Maximum Series Fuse Rating	30 A									

STC : Irradiance 1000 W/m², Cell Temperature 25 °C, Air Mass 1.5; BSTC : Front side irradiation 1000 W/m², back side reflection irradiation 135 W/m², AM=1.5, Ambient Temperature 25 °C

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	44±2 °C
Temperature Coefficient of Pmax	-0.260 %/°C
Temperature Coefficient of Voc	-0.240 %/°C
Temperature Coefficient of Isc	+0.040 %/°C
Operating Temperature	-40 °C to +85 °C

Mechanical Specifications

Solar Cells	N-Type 210 mm (2x66 pcs)
Front/Back Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4 mm ² , 1200 mm (+), 1200 mm (-)
Connectors	MC4 compatible

Packing Configuration

Panel Size	2384 x 1303 x 35 mm
Panel Weight	38.7 kg
Container	40'HC
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558

Customization Options



Full black



Custom cable length



Custom connectors