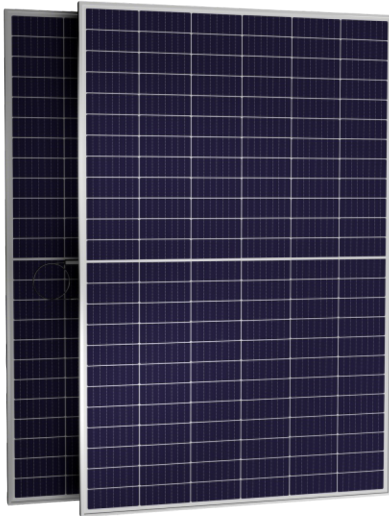


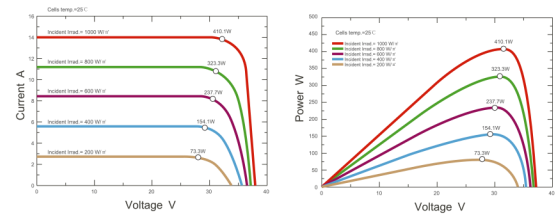
PV430-450HJT

430-450 Watt

182 mm 108 Cells Bifacial PV Module



Current-Voltage & Power-Voltage Curves



Electrical Characteristics

Module Type	PV430HJT		PV435HJT		PV440HJT		PV445HJT		PV450HJT	
	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)	430	475	435	480	440	485	445	490	450	495
Open Circuit Voltage (Voc/V)	39.80	39.80	40.06	40.06	40.33	40.33	40.59	40.59	40.84	40.84
Short Circuit Current (Isc/A)	13.30	14.69	13.35	14.73	13.40	14.77	13.45	14.81	13.50	14.85
Optimum Operating Voltage (Vmp/V)	33.49	33.49	33.75	33.75	34.01	34.01	34.26	34.26	34.51	34.51
Optimum Operating Current (Imp/A)	12.84	14.18	12.89	14.23	12.94	14.27	12.99	14.31	13.04	14.35
Module Efficiency (ηm/%)	22.02		22.28		22.53		22.79		23.04	
Power Tolerance	0/+4.99 W									
Maximum System Voltage	1500 VDC (IEC /UL)									
Maximum Series Fuse Rating	25 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

Mechanical Specifications

Solar Cells	N-Type 182 mm (2x54 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

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

Customization Options



Full black



Custom cable length



Custom connectors

Packing Configuration

Panel Size	1722 x 1134 x 35 mm
Panel Weight	23.4 kg
Container	40'HC
Pieces per Pallet	26
Pallets per Container	36
Pieces per Container	936