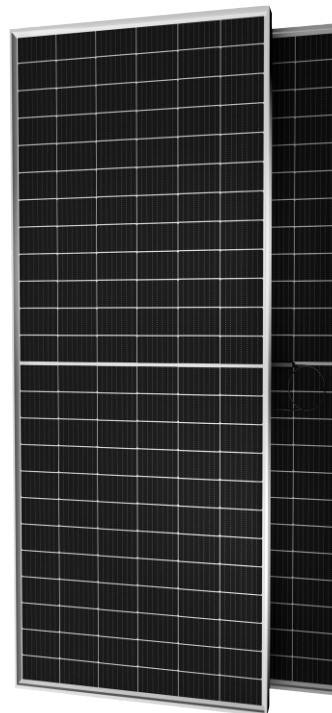


PV615-635TOPC

615-635 Watt

182 mm 156 Cells Bifacial PV Module



Different Rearside Power Gain

Refer. Bifaciality Factor	(70 ± 5)%		
Rearside Power Gain	5%	15%	25%
Maximum Power at STC (Pmax)	651.0	713.0	775.0
Optimum Operating Voltage (Vmp/V)	45.8	45.8	45.9
Optimum Operating Current (Imp/A)	14.23	15.58	16.94
Open Circuit Voltage (Voc/V)	55.6	55.6	55.7
Short Circuit Current (Isc/A)	14.97	16.40	17.83
Module Efficiency (%)	23.3	25.5	27.7

Electrical Characteristics

Module Type	PV615TOPC		PV620TOPC		PV625TOPC		PV630TOPC		PV635TOPC	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	615	469.4	620	473.2	625	477.0	630	480.9	635	484.7
Open Circuit Voltage (Voc/V)	55.43	52.6	55.58	52.8	55.73	52.9	55.88	53.1	56.03	53.2
Short Circuit Current (Isc/A)	14.19	11.44	14.26	11.50	14.33	11.55	14.40	11.61	14.47	11.67
Optimum Operating Voltage (Vmp/V)	45.66	43.2	45.76	43.3	45.86	43.5	45.96	43.6	46.06	43.7
Optimum Operating Current (Imp/A)	13.47	10.86	13.55	10.92	13.63	10.97	13.71	11.03	13.79	11.08
Module Efficiency (ηm/%)	22.0		22.2		22.4		22.5		22.7	
Power Tolerance	0/+4.99 W									
Maximum System Voltage	1500 VDC (IEC /UL)									
Maximum Series Fuse Rating	25 A									

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5; NMOT: Irradiance 800: W/m², Ambient Temperature 20 °C, AM=1.5, wind speed 1 m/s; Tolerance of pmax is within +/- 3%;

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42+2 °C
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.046%/°C
Operating Temperature	-40°C to +85 °C

Mechanical Specifications

Solar Cells	N-type Monocrystalline 182 mm (6x26 pcs)
Front/Back Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4 mm ² , 160 mm (+), 350 mm (-)
Connectors	MC4 compatible

Packing Configuration

Panel Size	2465 x 1134 x 35 mm
Panel Weight	35.1 kg
Container	40'HC
Pieces per Pallet	31
Pallets per Container	16
Pieces per Container	496

Customization Options



Full black



Custom cable length



Custom connectors