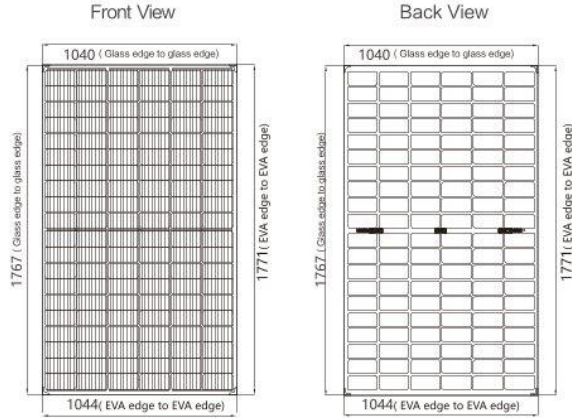


# P-type Bifacial Double-Glass Module: 360-380W

## ENGINEERING DRAWING



## MECHANICAL SPECIFICATIONS

Cell Type	Mono crystalline
Solar Cells	120(6*20)
Module Dimension [mm]	1767*1040*6 (1771*1044*6with edge banding)
Weight [Kg]	25.5
Front Glass [mm]	2.5 Semi tempered coated glass
Interlayer	EVA/POE/PVB
Back Glass [mm]	2.5 Semi tempered glass
Junction Box	Ip67 Rated, 3 by-pass diodes
Connector	Multi-Contact MC4(or equivalent)
Frame	No Frame
Maximum Load Capacity [Pa]	2400(wind load)/2400(snow load)

## ELECTRICAL CHARACTERISTICS

		BPDMJ60H(S)-360		BPDMJ60H(S)-365		BPDMJ60H(S)-370		BPDMJ60H(S)-375		BPDMJ60H(S)-380	
		STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power at STC [Pmax]	[W]	360	269	365	273	370	277	375	280	380	284
Open Circuit Voltage [Voc]	[V]	40.77	38.1	41.00	38.3	41.27	38.5	41.61	38.9	41.82	39.1
Short Circuit Current [Isc]	[A]	11.22	9.05	11.28	9.10	11.35	9.15	11.43	9.22	11.53	9.30
Voltage at Maximum Power point[Vm]	[V]	33.65	30.9	33.93	31.1	34.20	31.4	34.45	31.6	34.69	31.8
Current at Maximum Power point[Im]	[A]	10.70	8.71	10.76	8.76	10.82	8.81	10.89	8.87	10.95	8.92
Power Tolerance	[%]	0~+3%									
Module Efficiency	[%]	19.5		19.8		20.1		20.4		20.6	

STC: Air Mass AM1.5, Ir-radiance 1000W/m<sup>2</sup> Cell temperature 25°C. NMOT: Air Mass AM1.5, Ir-radiance 800W/m<sup>2</sup> Ambient temperature 20°C, wind speed 1m/s.

## DOUBLE SIDES POWER OUTPUT ( BACK GAIN )

Back Gain	Parameter	Unit	BPDMJ60H(S)-360	BPDMJ60H(S)-365	BPDMJ60H(S)-370	BPDMJ60H(S)-375	BPDMJ60H(S)-380
5%	Maximum Power	[W]	373	378	383	388	393
10%	Maximum Power	[W]	385	391	396	401	407
15%	Maximum Power	[W]	398	403	409	414	420
20%	Maximum Power	[W]	410	416	422	428	433

Notes: Spectrum AM1.5, Irradiance Gcomp, Temperature 25°C, Gcomp=(1+Albedo\*Bifaciality)\*1000W/m<sup>2</sup> Bifaciality=Min(Isc\_rear/Isc\_front, Pmpp\_rear/Pmpp\_front)

## WORKING CONDITIONS

Maximum System Voltage(With S)	[V]	1000 DC(IEC)
Maximum System Voltage(Without S)	[V]	1500 DC(IEC)
Operating Temperature	[°C]	-40~+85
Nominal Operating Cell Temperature	[°C]	45±3
Maximum rated current	[A]	20

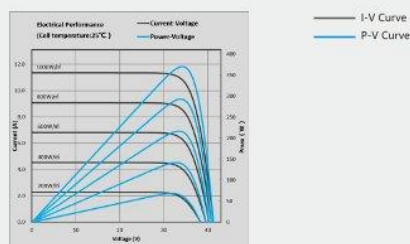
## TEMPERATURE COEFFICIENTS

Temperature Coefficient of Pmax	[%/°C]	-0.42
Temperature Coefficient of Voc	[%/°C]	-0.33
Temperature Coefficient of Isc	[%/°C]	0.04

## PACKAGE CONFIGURATION

Per box 38 pieces      40" HQ 912 pieces

## ELECTRICAL CURVES



## LINEAR PERFORMANCE WARRANTY

NO MORE THAN 0.5% ANNUAL DEGRADATION OVER 30 YEARS

