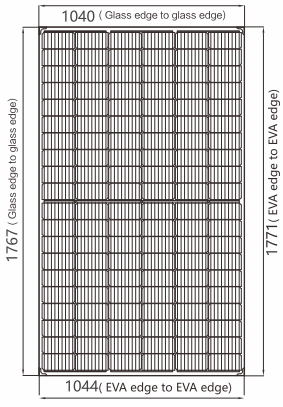
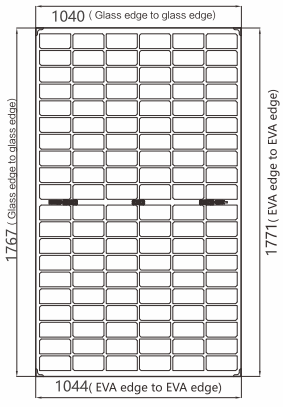
P-type Bifacial Double-Glass Module: **360-380W**

ENGINEERING DRAWING

Front View



Back View



MECHANICAL SPECIFICATIONS

Cell Type	Mono crystalline
Solar Cells	120(6*20)
Module Dimension [mm]	1767*1040*7.4
Weight [Kg]	32.5
Front Glass [mm]	3.2 tempered coated glass
Interlayer	EVA/POE/PVB
Back Glass [mm]	3.2 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/m² Cell temperature 25℃. NMOT: Air Mass AM1.5, Ir-radiance 800W/m² Ambient tempera-ture 20℃, wind speed 1m/s.

DOUBLE SIDES POWER OUTPUT (BACK GAIN)

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℃ 。 Gcomp=(1+Albedo*Bifaciality)*1000W/m2 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	[℃]	-40~+85
Nominal Operating Cell Temperature	[℃]	45±3
Maximum rated current	[A]	20

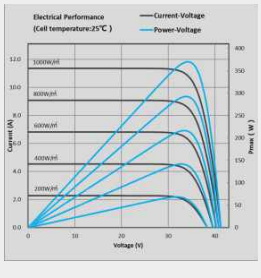
TEMPERATURE COEFFICIENTS

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

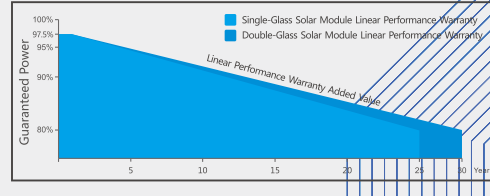
PACKAGE CONFIGURATION

30pcs per pallet	720pcs per 40"HQ

ELECTRICAL CURVES



I-V Curve
P-V Curve

LINEAR PERFORMANCE WARRANTY

NO MORE THAN 0.5% ANNUAL DEGRADATION OVER 30 YEARS