

Bifacial PERC cell technology, 5%-25% more yield depends on different conditions

**Excellent Anti-PID Performance** 

2 times of industry standard Anti-PID test

#### **ELECTRICAL CHARACTERISTICS**

Testing Condition	STC	NMOT								
Maximum Power (Pmax/W)	360	268	365	271	370	275	375	278	380	282
Operating Voltage (Vmpp/V)	34.3	31.6	34.6	31.9	34.9	32.1	35.2	32.3	35.5	32.6
Operating Current (Impp/A)	10.50	8.46	10.56	8.50	10.61	8.55	10.66	8.60	10.71	8.64
Open-Circuit Voltage (Voc/V)	40.7	37.9	40.9	38.0	41.1	38.2	41.3	38.4	41.5	38.6
Short-Circuit Current (Isc/A)	11.15	9.00	11.20	9.04	11.26	9.09	11.31	9.13	11.37	9.17
Module Efficiency (%)	19.	80	20.	00	20.	30	20	.60	20	.90

STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25 °C. Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3% NM0T: Irradiance 800W/m², Spectra at AM1.5, Ambient Temperature 20 °C, Wind speed 1m/s

#### REAR SIDE POWER GAIN(REFERENCE TO 375W FRONT)

Pmax gain	5%	10%	15%	20%	25%
Pmax/W	394	413	431	450	469
Vmpp/V	35.2	35.2	35.2	35.2	35.2
Impp/A	11.19	11.73	12.26	12.79	13.33
Voc/V	41.3	41.3	41.3	41.3	41.3
Isc/A	11.88	12.44	13.01	13.57	14.14

### **MECHANICAL CHARACTERISTICS**

Cell Type	Monocrystalline Silicon(9Busbar)		
No. of Cells	120pcs in series (6*20)		
Module Dimensions	1755*1038*30mm(69.09*40.87*1.18 inches)		
Weight	23.5kg (51.8lbs)		
Front Glass	2.0mm AR Coating Semi-tempered Glass		
Back Glass	2.0mm Glazed Semi-tempered Glass		
Frame	Anodized Aluminium Alloy		
Junction Box	IP68, 3 Bypass Diodes		
Output Cables	4mm² (IEC), 12AWG(UL) 300mm in Length or Customized Length		
Connectors	T01/LJQ-3-CSY/MC4/MC4-EVO2		

## **APPLICATION CONDITIONS**

Maximun System Voltage	1500V/DC		
Operating Temperature	-40°C~+85°C		
Maximun Series Fuse	25A		
Safety Protection Class	Class II		
Mechanical Load	Front side 5400Pa, Back side 2400Pa		
Refer. Bifaciality Factor	70%±5%		

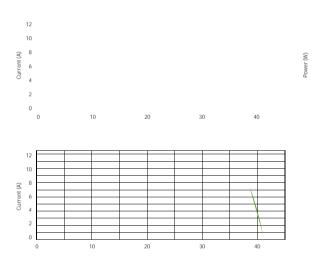
### **TEMPERATURE CHARACTERISTICS**

Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	+0.043%/°C
Nominal Module Operating Temperature(NMOT)	43±2°C

## **PACKING CONFIGURATION**

Pieces Per Pallet	36	36(USA)
Pieces Per Container(40'HQ)	936	792

### **I-V CURVE**



# **TECHNICAL DRAWINGS**

