





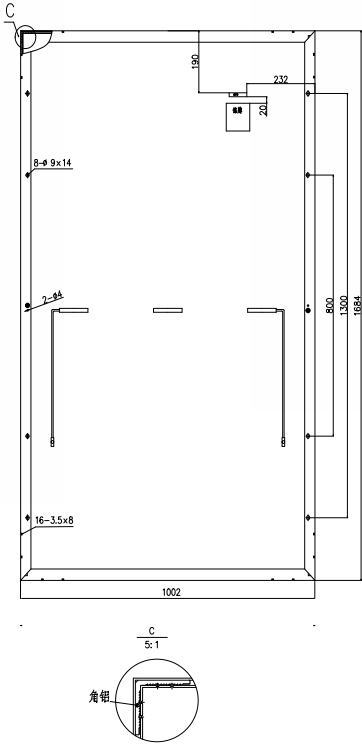


# Mono-crystalline Solar Module

**330W-345W**  
 345 | 340 | 335 | 330  
 (1000V | 1500V)

### BENEFITS

-  Higher power output
-  PID free
-  Excellent shading tolerance
-  Heavy mechanical load
-  15 years Product warranty on materials and workmanship
-  25 years Linear power output warranty



### CERTIFICATES

- IEC 61215, IEC 61730, IEC TS 62804, IEC 61701
- ISO 9001: 2008 quality management systems
- ISO 14001: 2004 environmental management systems
- BS OHSAS occupational health and safety management systems

### TEMPERATURE CHARACTERISTICS

Nominal operating cell temperature(NOCT)	45°C±2°C
Temperature coefficients of V <sub>oc</sub>	-0.26%/°C
Temperature coefficients of I <sub>sc</sub>	0.04%/°C
Temperature coefficients of P <sub>max</sub>	-0.36%/°C
Power tolerance	0~+5W

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330W-345W

345 | 340 | 335 | 330

(1000V | 1500V)

## MECHANICAL CHARACTERISTICS

Solar Cell	120(6×20),9bb,Mono-crystalline	Frame	Black/Silver Anodized Aluminium
Front Glass	High transmission,low iron,tempered ARC glass	Substrate	Black/White Back-sheet
Junction Box	IP68 rated	Weight	18.7 kg
Bypass Diodes	3 pcs	Dimensions	1684×1002×35mm
Output Cables	4.0mm <sup>2</sup> ,positive(+) 1000mm,negative(-)1000mm	Packaging Information	30 pcs/ pallet

## ELECTRICAL CHARACTERISTICS

Module Type		330W Mono	335W Mono	340W Mono	345W Mono
Nominal Peak Power	Pmax (W)	330	335	340	345
Nominal Voltage	Vmpp (V)	33.8	34.0	34.20	34.40
Nominal Current	Impp (A)	9.76	9.85	9.94	10.03
Open Circuit Voltage	Voc (V)	40.6	40.7	40.8	40.9
Short Circuit Current	Isc (A)	10.41	10.50	10.59	10.7
Module Efficiency	(%)	19.55	19.85	20.15	20.44
Maximum System Voltage		1000/1500VDC	1000/1500VDC	1000/1500VDC	1000/1500VDC

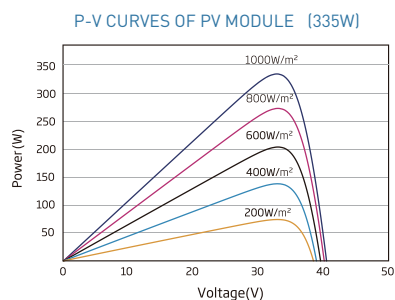
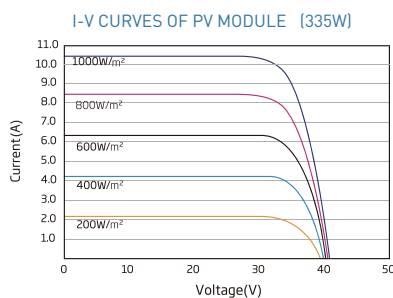
STC: Irradiation: 1000 W/m<sup>2</sup>, cell temperature: 25 °C, air mass: 1.5 (EN 60904-3)

Maximum Power	Pmax (W)	246	250	254	258
Nominal Voltage	Vmpp (V)	31.6	31.7	31.9	32.1
Nominal Current	Impp (A)	7.79	7.86	7.94	8.04
Open Circuit Voltage	Voc (V)	37.0	37.1	37.3	37.5
Short Circuit Current	Isc (A)	8.45	8.53	8.61	8.69

NOCT: Irradiation: 800 W/m<sup>2</sup>, ambient temperature: 20 °C, air mass: 1.5, wind speed 1 m/s

Performance under weak light conditions (200 W/m<sup>2</sup>) EN60904-1, 96.0 % or higher of the STC efficiency (1000 W/m<sup>2</sup>) is achieved

## CURRENT-VOLTAGE CURVE & POWER-VOLTAGE CURVE



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