

## Poly-crystalline Solar Module

330W~345W

SL280-24P 345 | 340 | 335 | 330  
(1000V | 1500V)

### BENEFITS



Higher output



PID free



Excellent shading tolerance



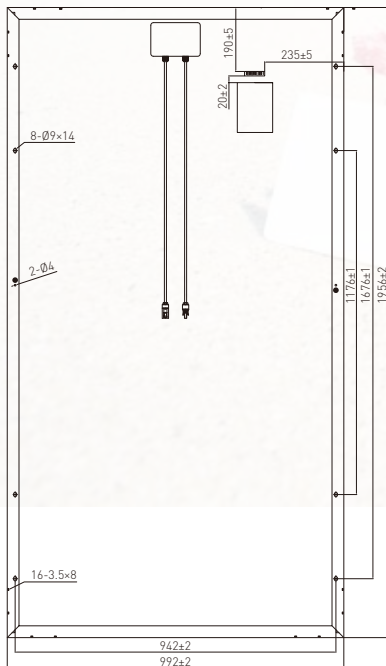
Heavy mechanical load



12 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±2 °C
Temperature coefficients of $V_{oc}$	-0.35% / °C
Temperature coefficients of $I_{sc}$	+ 0.055% / °C
Temperature coefficients of $P_{max}$	-0.45% / °C
Power tolerance	0~+5W

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(1000V | 1500V)

## MECHANICAL CHARACTERISTICS

Solar Cell	72 poly-crystalline	Frame	Anodized aluminium alloy
Front Glass	3.2 mm tempered glass	Weight	26 kg
Junction Box	IP67 rated	Dimensions	1956×992×40 mm
Bypass Diodes	3 pcs	Packaging Information	26 pcs/ pallet
Output Cables	1200 mm length cable, compatible with MC4 connectors		

## ELECTRICAL CHARACTERISTICS

Module Type	SL280-24P345	SL280-24P340	SL280-24P335	SL280-24P330
Nominal Peak Power Pmax (W)	345	340	335	330
Nominal Voltage Vmpp (V)	38.3	38.1	37.9	37.7
Nominal Current Imp (A)	9.01	8.92	8.84	8.75
Open Circuit Voltage Voc (V)	47.2	46.9	46.7	46.4
Short Circuit Current Isc (A)	9.41	9.37	9.33	9.29
Module Efficiency (%)	17.8	17.5	17.3	17.0
Maximum System Voltage	DC1000V/DC1500V	DC1000V/DC1500V	DC1000V/DC1500V	DC1000V/DC1500V

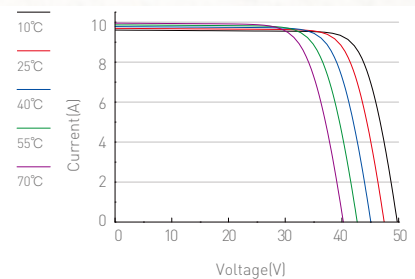
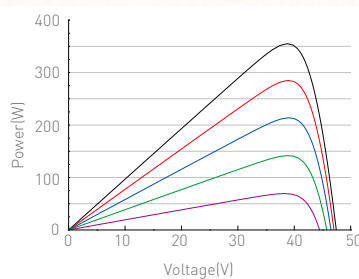
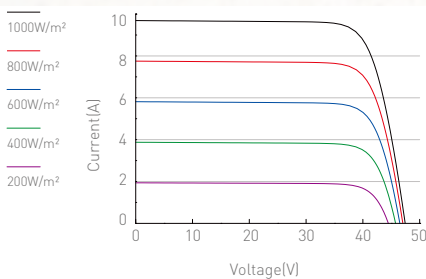
STC: Irradiation: 1000 W/m<sup>2</sup>, cell temperature: 25 °C, air mass: 1.5 (EN 60904-3)

Maximum Power Pmax (W)	251	247	244	240
Nominal Voltage Vmpp (V)	35.7	35.6	35.5	35.4
Nominal Current Imp (A)	7.03	6.95	6.86	6.78
Open Circuit Voltage Voc (V)	42.5	42.4	42.3	42.2
Short Circuit Current Isc (A)	7.68	7.59	7.49	7.40

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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