



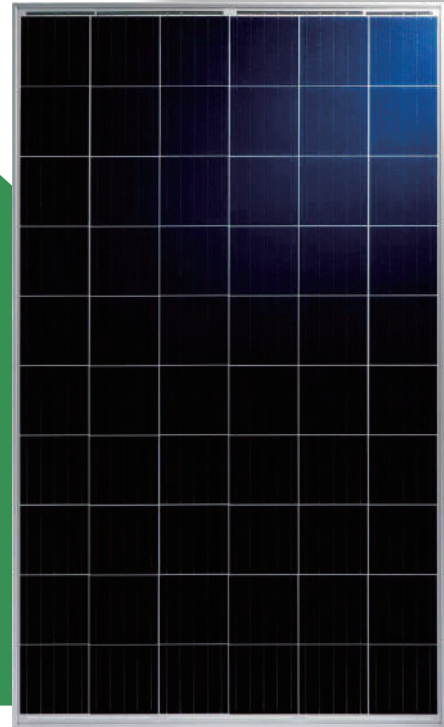
# Huge-solar

## Radiance Series

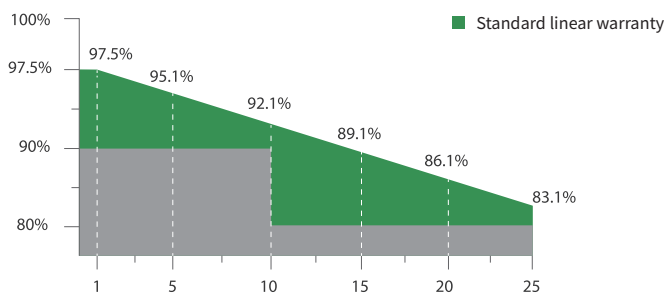
### P157W660-255-290W

# 255-290W Poly

Biggest advantages of low cost makes it a more affordable option. Anti-PID Technology prevents issues that can occur in some solar panels when exposed to higher temperatures or humidity. High reliability, high-quality materials and advanced manufacturing processes ensure the consistently performance over time, even in harsh environmental conditions. Designed with advanced cell technology, which allows for higher energy production and better efficiency.



### Linear performance Warranty



Linear performance warranty



Product warranty

### Comprehensive Certificates

#### CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



**QIDONG SHENYA INDUSTRY CO., LTD**

TEL: +86 15250188350      E-mail: paul@huge-solar.com  
ADD: No.249 GongYuan Road, Qidong Jiangsu China

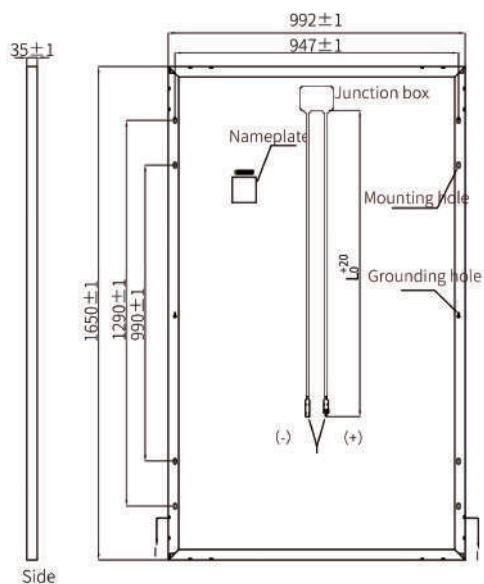
Electrical Specificatio																	
Module Type		P157W660-255W		P157W660-260W		P157W660-265W		P157W660-270W		P157W660-275W		P157W660-280W		P157W660-285W		P157W660-290W	
Test Standards		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	Pmax(W)	255	189.26	260	192.71	265	196.19	270	199.71	275	203.44	280	207.14	285	210.84	290	214.54
Maximum Power Voltage	Vmp(V)	30.83	28.29	31.06	28.55	31.29	28.81	31.52	29.07	31.75	29.33	31.98	29.59	32.21	29.78	32.44	29.99
Maximum Power Current	Imp(A)	8.27	6.69	8.37	6.75	8.47	6.81	8.57	6.87	8.66	6.93	8.76	6.99	8.85	7.07	8.94	7.14
Open Circuit Voltage	Voc(V)	37.01	35.24	37.26	35.43	37.50	35.62	37.74	35.81	37.98	36.00	38.18	36.19	38.40	36.3	38.62	36.46
Short Circuit Current	Isc(A)	8.70	7.11	8.80	7.18	8.90	7.25	9.00	7.32	9.10	7.39	9.20	7.46	9.30	7.53	9.40	7.61
Module Efficiency	(%)	15.58		15.88		16.19		16.49		16.80		17.11		17.41		17.72	
Power Output Tolerance	(W)	0±5															
Tolerance During Power Test	(%)	±3															

\*(STC)\*irradiance 1000W/m<sup>2</sup>, Module Temperature 25 C, Air Mass 1.5  
 \*(NOCT)\*irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 C, Wind Speed 1m/s\*

Mechanical Data	
Number of Cells	60Cells(6×10)
Dimensions of Module L*W*H (mm)	1650×992×35mm
Weight (kg)	18kg
Glass	High transparency solar glass 3.2mm
Backsheet	white
Frame	anodized aluminium alloy
J-BOX	IP65, 3 diodes
Cable	4.0mm <sup>2</sup> , 900mm or customized
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
<b>*For more details please check the installation manual</b>	

Temperature Ratings	
TemperatureCoefficient of Pmax	-0.350%/C
Nominal Operating Cell Temperature(NOCT)	44±2 C
Temperature Coefficient of Isc	+0.048%/C
Temperature Coefficient of Voc	-0.270%/C
Maximum Ratings	
Operational Temperature	-40 - +85 C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A
Packaging Configuration	
Module per box	31+31+6=68pieces
Module per 40'container	952pieces(35Frame)

### ENGINEERING DRAWINGS



### IV CURVES

