

产品系列 Products Series

6x12 POLY SOLAR PANEL 156.75

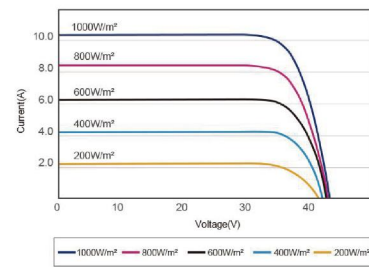
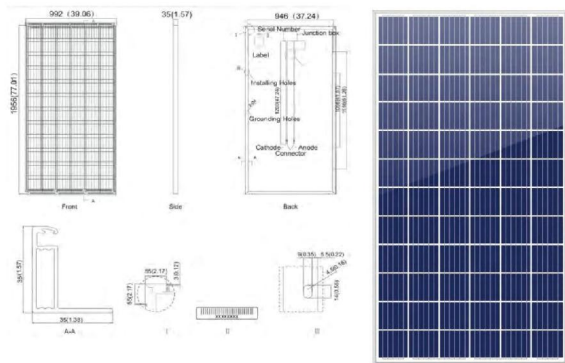
Modules	GPP325W	GPP330W	GPP335W	GPP340W	GPP345W
Standard Test	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	16.75	17.01	17.26	17.52	17.78
Maximum Power Pmax (W)	325	330	335	340	345
Open Circuit Voltage Voc(V)	45.48	45.84	46.02	46.20	46.50
Short Cuit Current Isc(A)	9.00	9.08	9.16	9.26	9.37
Maximum Power Voltage Vm(V)	37.90	38.20	38.35	38.50	38.75
Maximum Power Current Im(A)	8.58	8.64	8.74	8.83	8.90
CELLS (mm)	156.75×156.75 Poly cells				
CELLS QTY (Pcs)	72(6×12)				
Max System Voltage (V)	DC1000/DC1500				
open Circuit Voltage Temp (%/°C)	-0.282				
short Circuit Current Temp (%/°C)	0.041				
Peak Power Temp (%/°C)	-0.387				
Operate Temp Scope °C	-40 to 85				
Nominal Operating Temp °C	45±2				
Max Series Fuse Rating (A)	15/20				
Frontal static load (Pa)	5400				
Back static load (Pa)	2400				

Standard Test Conditions(STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C.

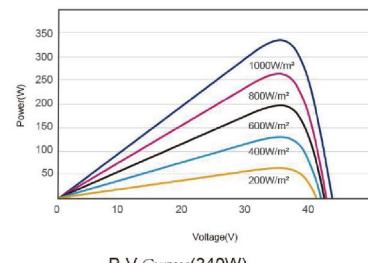
Measuring uncertainty of power is within ±3% Tolerance of Pmpp:0~+3%.Certified in accordance with IEC61215,IEC61730-1/2

Flame

i-v curves



I-V Curves (340W)



P-V Curves(340W)

Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	156.75*72 POLY CELLS
Junction box	IP≥68 , TÜV&UL
Connect	4mm ² , EVO2
Cable	900mm

Package

module size (mm)	1956x992x40
Weight (kg)	20.5
Loading	740PCS/40HQ
Package pcs/plt	27

6x10 POLY SOLAR PANEL 156.75

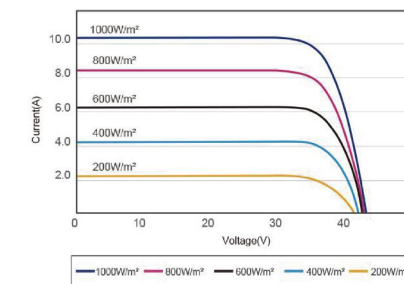
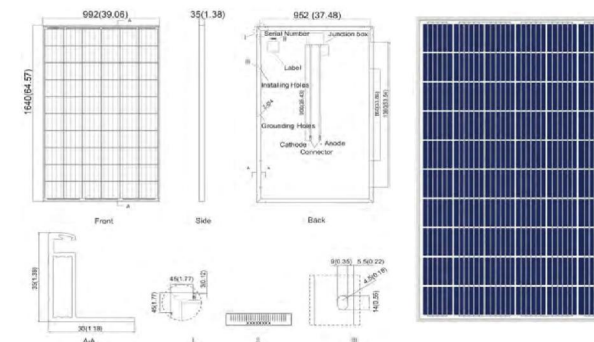
Modules	GPP275W	GPP280W	GPP285W	GPP290W	GPP295W
Standard Test	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	16.90	17.21	17.52	17.83	17.99
Maximum Power Pmax (W)	275	280	285	290	295
Open Circuit Voltage Voc(V)	38.16	38.52	38.76	39.00	39.00
Short Cuit Current Isc(A)	9.08	9.16	9.26	9.37	9.48
Maximum Power Voltage Vm(V)	31.80	32.10	32.30	32.50	32.70
Maximum Power Current Im(A)	8.65	8.72	8.82	8.92	9.03
CELLS (mm)	156.75×156.75 Poly cells				
CELLS QTY (Pcs)	60(6×10)				
Max System Voltage (V)	DC1000/DC1500				
open Circuit Voltage Temp (%/°C)	-0.282				
short Circuit Current Temp (%/°C)	0.041				
Peak Power Temp (%/°C)	-0.387				
Operate Temp Scope °C	-40 to 85				
Nominal Operating Temp °C	45±2				
Max Series Fuse Rating (A)	15/20				
Frontal static load (Pa)	5400				
Back static load (Pa)	2400				

Standard Test Conditions(STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C.

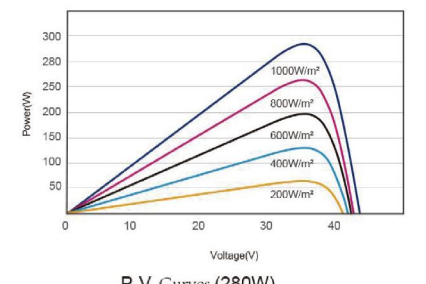
Measuring uncertainty of power is within ±3% Tolerance of Pmpp:0~+3%.Certified in accordance with IEC61215,IEC61730-1/2

Flame

i-v curves



I-V Curves (280W)



P-V Curves (280W)

Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	156.75*60 POLY CELLS
Junction box	IP≥68 , TÜV&UL
Connect	4mm ² , EVO2
Cable	900mm

Package

module size (mm)	1640x992x35
Weight (kg)	17.5
Loading	960PCS/40HQ
Package pcs/plt	31

产品系列 Products Series



Electrical performance

Module Type		330P-72	370M-72
Power Output	Pmax(W)	300	300
Power Tolerance	Pmax(W)	±7%	±8%
Module Efficiency	nm(%)	21	22
Voltage at Pmax	Vm(V)	36	36
Current at Pmax	Im(A)	8.33	8.33
Open-Circuit Voltage	Voc(V)	44	44
Short-Circuit Current	Isc(A)	8.92	8.92

STC:1000w/m²irradiance.25°C module temperature.AM1.5 spectrum.

Operating conditions

Max.System Voltage	1000V
Max.Series Fuse Rating	15A
Application Class	A
Fire Resistance Rating	C

Operating conditions

Front Cover(material/type/thickness)	tempered glass/3.2mm
Cell(quantity/material/type/dimension)	72/polycrystalline/156.75*156.75mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver or black
Junction Box(protection degree)	IP65
Cable(length/cross-sectional area)	900mm/2.5mm ²
Plug Connector	MC4 compatible

General characteristics

Dimension(L/W/H)	1956*992*40mm
Weight	20.3kg

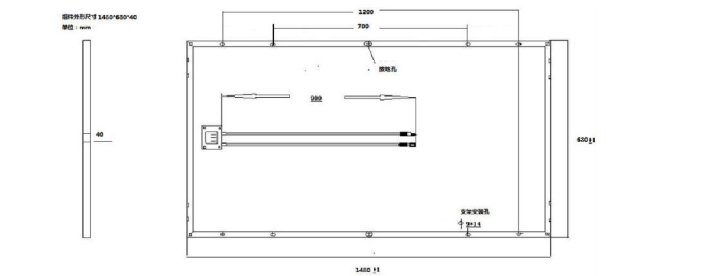
International certificates

SGS-PSI/ISO9001:2015

Electrical performance

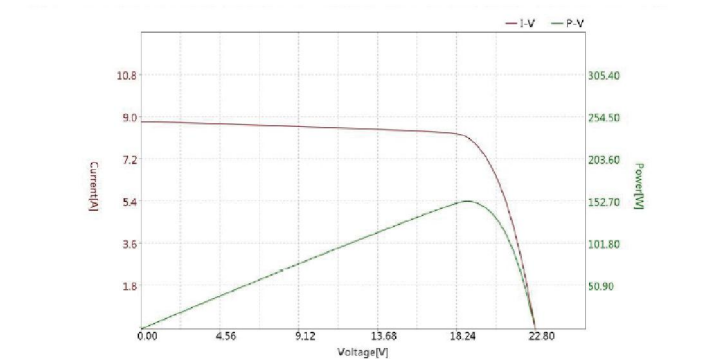
Module Type		170M-36	180M-36
Power Output	Pmax(W)	170	180
Power Tolerance	Pmax(W)	±5%	±5%
Module Efficiency	nm(%)	19	20
Voltage at Pmax	Vm(V)	18.2	18.8
Current at Pmax	Im(A)	9.34	9.58
Open-Circuit Voltage	Voc(V)	22.5	23.5
Short-Circuit Current	Isc(A)	9.85	10.28

STC:1000w/m²irradiance.25°C module temperature.AM1.5 spectrum.



Operating conditions

Max.System Voltage	1000V
Max.Series Fuse Rating	15A
Application Class	A
Fire Resistance Rating	C



Operating conditions

Front Cover(material/type/thickness)	tempered glass/3.2mm
Cell(quantity/material/type/dimension)	36/polycrystalline/156.75*156.75mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver or black
Junction Box(protection degree)	IP65
Cable(length/cross-sectional area)	900mm/2.5mm ²
Plug Connector	MC4 compatible

General characteristics

Dimension(L/W/H)	1480*680*40mm
Weight	12kg

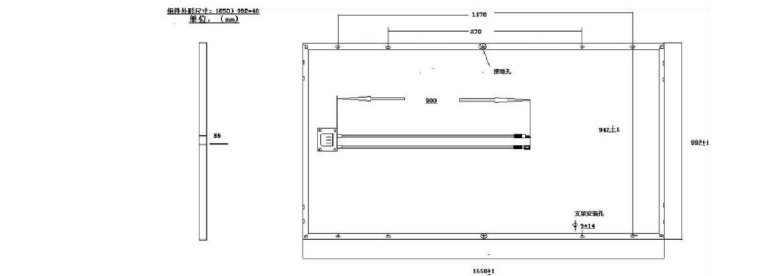
International certificates

SGS-PSI/ISO9001:2015

Electrical performance

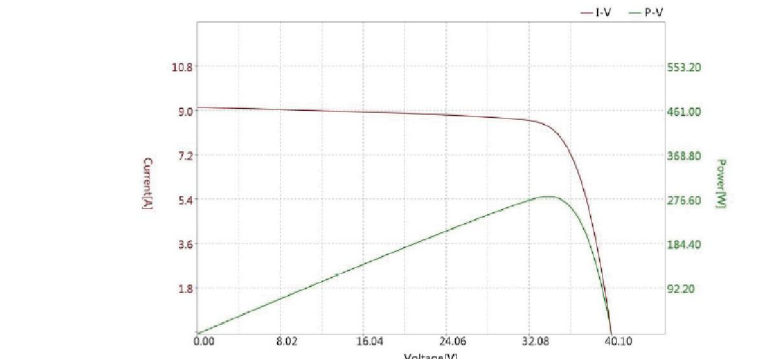
Module Type		280P-60	310M-60
Power Output	Pmax(W)	250	250
Power Tolerance	Pmax(W)	±5%	±5%
Module Efficiency	nm(%)	19	20
Voltage at Pmax	Vm(V)	30	30
Current at Pmax	Im(A)	8.33	8.33
Open-Circuit Voltage	Voc(V)	36	36
Short-Circuit Current	Isc(A)	8.92	8.92

STC:1000w/m²irradiance.25°C module temperature.AM1.5 spectrum.



Operating conditions

Max.System Voltage	1000V
Max.Series Fuse Rating	15A
Application Class	A
Fire Resistance Rating	C



Operating conditions

Front Cover(material/type/thickness)	tempered glass/3.2mm
Cell(quantity/material/type/dimension)	60/polycrystalline/156.75*156.75mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver or black
Junction Box(protection degree)	IP65
Cable(length/cross-sectional area)	900mm/2.5mm ²
Plug Connector	MC4 compatible

General characteristics

Dimension(L/W/H)	1640*992*35mm
Weight	16kg

International certificates

SGS-PSI/ISO9001:2015