

## 产品系列 Products Series

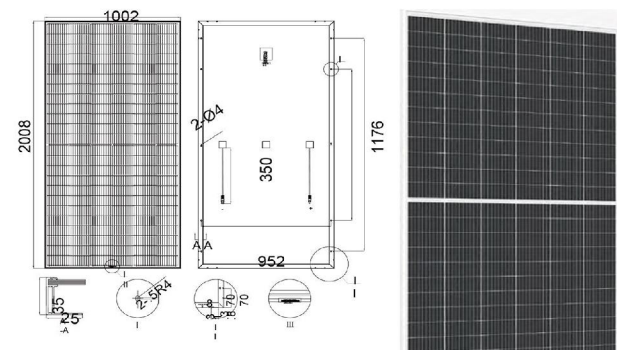
### 6x24 HALF CELLS MONO PANEL 158.75

Modules	GPM-H395W	GPM-H400W	GPM-H405W	GPM-H410W	GPM-H415W
Standard Test	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	19.64	19.89	20.13	20.38	20.63
Maximum Power Pmax (W)	395	400	405	410	415
Open Circuit Voltage Voc(V)	49.54	49.89	50.3	50.71	51.11
Short Cuit Current Isc(A)	10.22	10.27	10.32	10.36	10.41
Maximum Power Voltage Vm(V)	41.44	41.73	42.07	42.41	42.75
Maximum Power Current Im(A)	9.54	9.59	9.63	9.67	9.71
CELLS (mm)	9BB-158.75×79.375 Mono cells				
CELLS QTY (Pcs)	144(6×24)				
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				

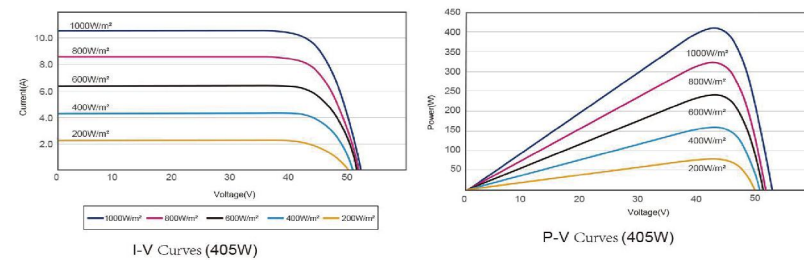
Standard Test Conditions(STC): irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C.

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

### Flame



### i-v curves



### Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	6X24 158.75*79.375mm mono solar cells
Junction box	IP≥68, TÜV&UL
Connect	4mm <sup>2</sup> , EVO2
Cable	350mm

### Package

module size (mm)	2008x1002x35
Weight (kg)	22.4
Loading	680PCS/40HQ
Package pcs/plt	31

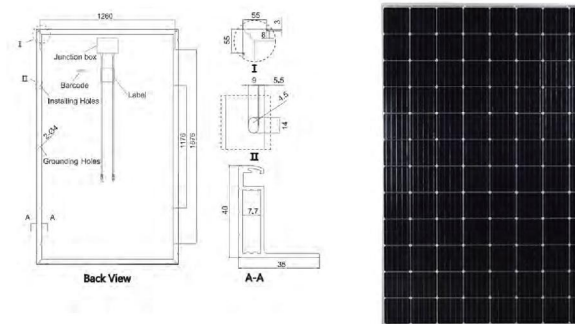
### 8x12 MONO SOLAR PANEL 158.75

Modules	GPM480W	GPM490W	GPM500W	GPM510W	GPM520W
Standard Test	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	18.28	18.66	19.05	19.43	19.81
Maximum Power Pmax (W)	480	490	500	510	520
Open Circuit Voltage Voc(V)	58.20	58.44	58.68	58.92	59.16
Short Cuit Current Isc(A)	10.48	10.56	10.74	10.91	11.08
Maximum Power Voltage Vm(V)	48.70	48.80	48.90	49.10	49.30
Maximum Power Current Im(A)	9.98	10.06	10.22	10.39	10.55
CELLS (mm)	158.75×158.75 Mono cells				
CELLS QTY (Pcs)	96(8x12)				
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				

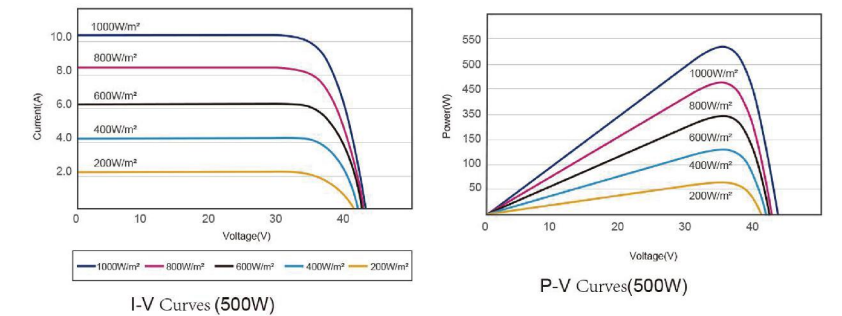
Standard Test Conditions(STC): irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C.

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

### Flame



### i-v curves



### Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	8x12 158.75*96 MONO CELLS
Junction box	IP≥68, TÜV&UL
Connect	4mm <sup>2</sup> , EVO2
Cable	900mm

### Package

module size (mm)	1979x1340x40
Weight (kg)	27
Loading	500PCS/40HQ
Package pcs/plt	27

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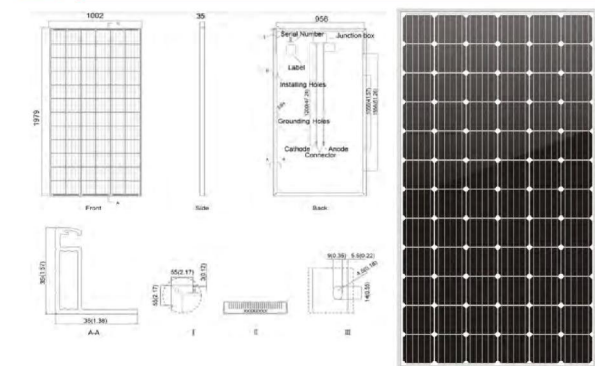
### 6x24 HALF CELLS MONO PANEL 158.75

Modules	GPM380W	GPM385W	GPM390W	GPM395W	GPM400W	GPM405W	GPM410W
Standard Test	STC	STC	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	18.93	19.15	19.37	19.68	19.98	20.28	20.59
Maximum Power Pmax (W)	380	385	390	395	400	405	410
Open Circuit Voltage Voc(V)	47.18	47.36	47.52	47.76	48.00	48.24	48.48
Short Cuit Current Isc(A)	10.18	10.26	10.34	10.42	10.50	10.58	10.66
Maximum Power Voltage Vm(V)	39.20	39.40	39.60	39.80	40.00	40.20	40.40
Maximum Pow er Current Im(A)	9.70	9.78	9.85	9.92	10.00	10.07	10.15
CELLS (mm)	158.75×158.75 Mono 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						

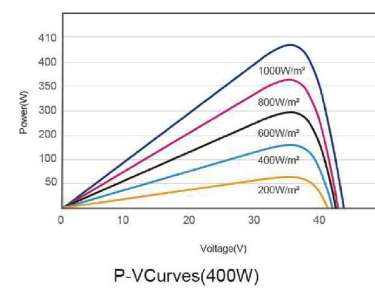
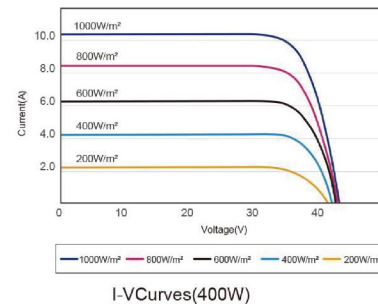
Standard Test Conditions(STC): irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C.

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

#### Flame



#### i-v curves



#### Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	6X12 158.75mm mono solar cells
Junction box	IP≥68 , TÜV&UL
Connect	4mm <sup>2</sup> , EVO2
Cable	900mm

#### Package

module size (mm)	1979x1002x40
Weight (kg)	21.3
Loading	680PCS/40HQ
Package pcs/plt	27

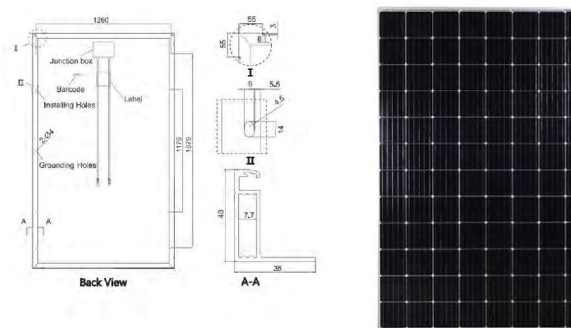
### 6x10 MONO SOLAR PANEL 158.75

Modules	GPM320W	GPM325W	GPM330W	GPM335W	GPM340W
Standard Test	STC	STC	STC	STC	STC
TORLERANCE (W)	0~+3	0~+3	0~+3	0~+3	0~+3
EFFICIENCY (%)	19.37	19.68	19.98	20.28	20.59
Maximum Power Pmax (W)	320	325	330	335	340
Open Circuit Voltage Voc(V)	39.36	39.60	39.84	40.08	40.32
Short Cuit Current Isc(A)	10.24	10.34	10.44	10.53	10.63
Maximum Power Voltage Vm(V)	32.80	33.00	33.20	33.40	33.60
Maximum Pow er Current Im(A)	9.76	9.85	9.94	10.03	10.12
CELLS (mm)	158.75×158.75 mono 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				

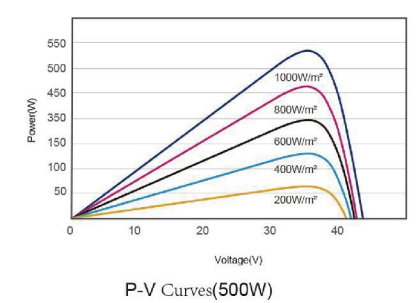
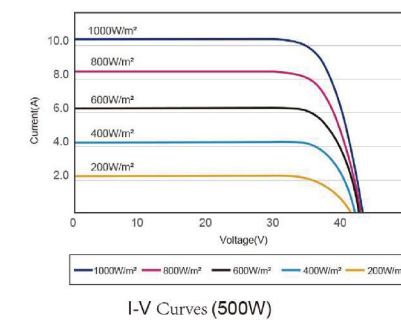
Standard Test Conditions(STC): irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C.

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

#### Flame



#### i-v curves



#### Raw material

Frame	Alloy Aluminium
Glass	3.2mm
Cells	6X10 158.75*60 mono cells
Junction box	IP≥68 , TÜV&UL
Connect	4mm <sup>2</sup> , EVO2
Cable	900mm

#### Package

module size (mm)	1665x1002x35
Weight (kg)	18
Loading	900PCS/40HQ
Package pcs/plt	31