

400W~410W

Monocrystalline silicon Light weight flexible solar panel

## Key Features

### Lightweight

Optimized composite materials, 60% lighter at the same power

### Flexible

Special manufacturing process and materials provide bending ability

### Excellent Appearance and Performance

Esthetics module design, no flare effect, "0" risk of micro crack

### Easy transportation and installation

Original design making it far less costly for transportation and installation

### Customization

Customization for various scenarios, high additional value

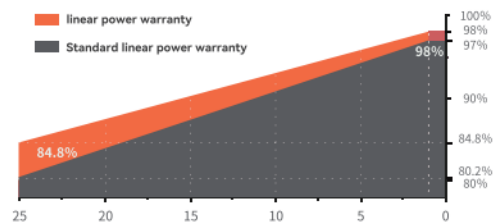
### Superior Low Irradiance Performance

Excellent low irradiance performance, increase power generation in low-light conditions like mornings, evenings and cloudy days

Quality system: ISO 9001: 2005



### Linear Performance Warranty

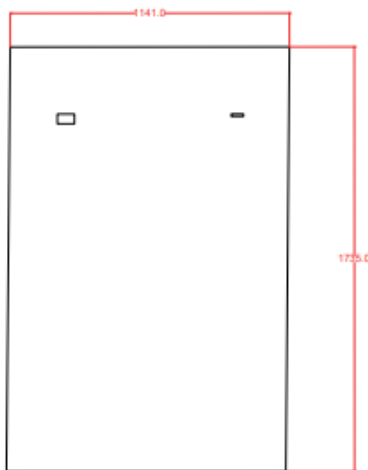
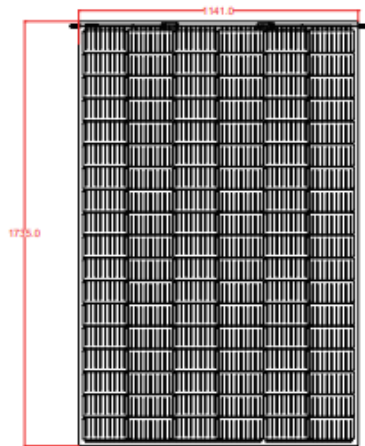


### Leading product and power warranty

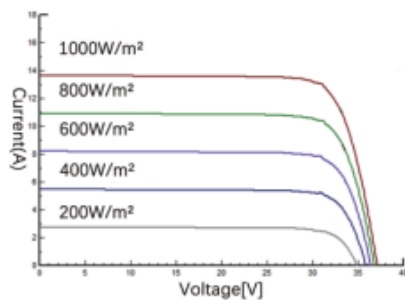
12 Materials and workmanship warranty

25 Linear power warranty

### The size of module



### Characteristic Curves



### Electrical Characteristics

ITEM	PURES-400W	PURES-405W	PURES-410W
Maximum Power (Pmax )	400W	405W	410W
Maximum Power Voltage (Vmp)	30.7V	30.8V	30.9V
Maximum Power Current(Imp )	13.03A	13.16A	13.29A
Open-circuit Voltage (Voc)	37.1V	37.2V	37.3V
Short-circuit Current(Isc)	13.66A	13.81A	13.90A
Module Efficiency(%)	20.21%	20.46%	20.71%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	1500VDC		
Maximum Series Fuse Rating	20 A		
Application Class	Class A		
Power Tolerance	0~+5 W		

STC: Irradiance 1000W/m<sup>2</sup> , module temperature 25°C ,AM=1.5

### Mechanical Characteristics

Solar Cell	Monocrystalline silicon cell
Cell Size	182×91mm
No. of cells	108
Module Dimensions	L:1735*W:1141*H:3 mm L:1735*W:1141*H:18 mm(J-Box included)
Weight	6.3kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm <sup>2</sup>
Cable length	(+)(-) 500 mm
Connector	MC4 compatible

### Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2 °C
Temperature Coefficient of Pmax	-0.38%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	0.020%/°C

### Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	420	1820



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