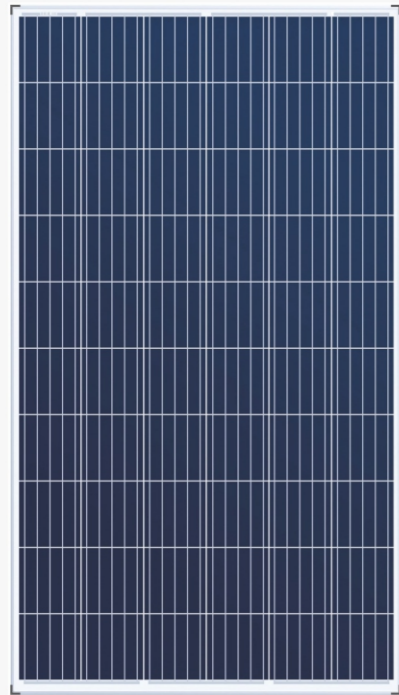


60 CELL POLYCRYSTALLINE MODULE

285W-305W POWER OUTPUT RANGE

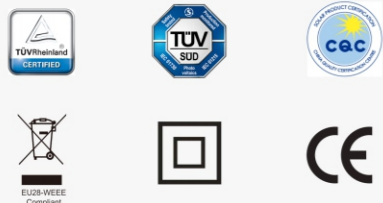
18.12% MAXIMUM EFFICIENCY

0~+5W POSITIVE POWER TOLERANCE



ISO9001:2015 Quality management systems
ISO14001: 2015 Quality management systems
OHSAS18001: 2018 Occupational health and safety management systems

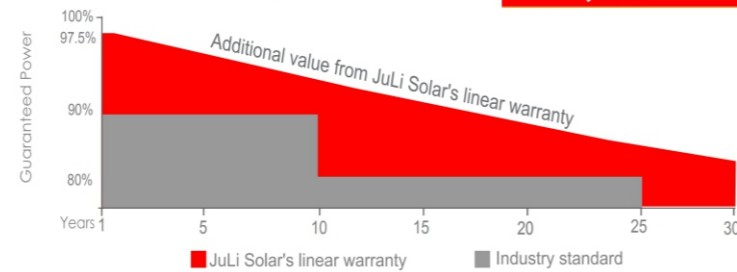
IEC61215, IEC61730, UL1703 certified product



- Ideal for large scale installations**
 - High power footprint reduces installation time & BOS costs
- One of the industry's most trusted modules**
 - Field proven performance
 - Juli NewEnergy's financial solidity consistently confirmed by banks and investors
- Highly reliable due to stringent quality control**
 - Over 30 in-house tests(UV, HF, and many more)
 - In-house testing goes well beyond certification requirements
- Certified to withstand challenging environmental conditions**
 - 2400 Pa wind load
 - 5400 Pa snow load
- High conversion efficiency**
 - Due to top quality wafers
 - Advanced cell technology
- PID and snail trails free**
 - PID free by frameless design
 - No snail trail
- Class A fire protection**
 - Class A fire protection lead to better flame resistance
 - Ideal for rooftop system
- Optimal Self-cleaning**
 - Optimal self-cleaning due to frameless module design

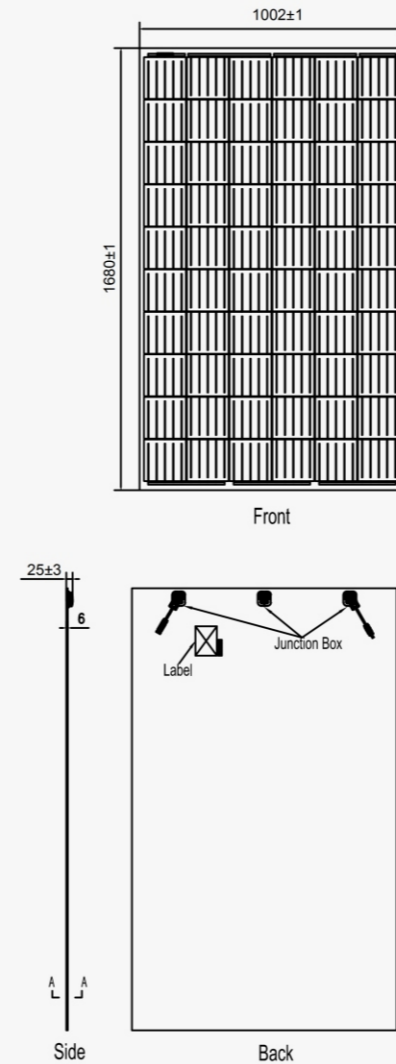
LINEAR PERFORMANCE WARRANTY

- 12-year product warranty
 - 30-year linear power output warranty
- 0.5% Annual Degradation Over 30 years**

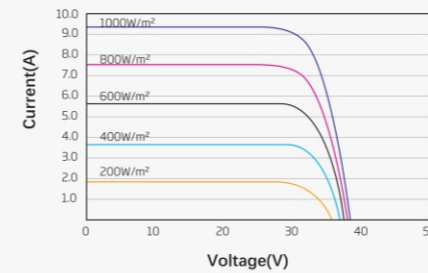


TECHNICAL PARAMETERS

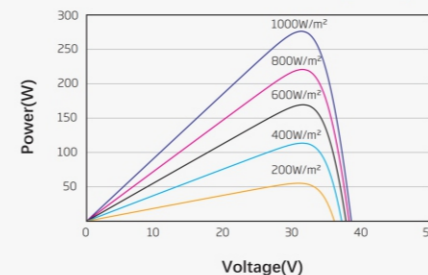
DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE(280W)



P-V CURVES OF PV MODULE(280W)



MECHANICAL DATA

Module Dimensions	1680 × 1002 × 6mm(1680 × 1002 × 25 mm with junction box)
Weight	24.0kg
Cell	Polycrystal 158.75mm x 158.75mm
Front Glass	2.5mm AR tempered
Back Glass	2.5mm tempered
Junction Box	IP67
Cables	4.0 mm ² , 300mm (Customized Length)
Connector	MC4 compatible
Wind/Snow Load	2400 Pa /5400 Pa

ELECTRICAL DATA (STC)

Module Type (JLS60PDG)	305W	300W	295W	290W	285W
	STC	STC	STC	STC	STC
Peak Power (P _{max})	305W	300W	295W	290W	285W
Open Circuit Voltage (V _{oc})	39.7V	39.5V	39.3V	39.1V	38.9V
Short Circuit Current(I _{sc})	9.89A	9.80A	9.71A	9.62A	9.53A
Maximum Power Voltage(V _{mp})	32.1V	31.9V	31.7V	31.5V	31.3V
Maximum Power Current (I _{mp})	9.51A	9.41A	9.31A	9.21A	9.11A
Module Efficiency	18.12%	17.82%	17.52%	17.23%	16.93%
Power Tolerance	0~+5W				
Maximum System Voltage	DC 1500V				
Max Series Fuse Rating	15A				

STC:Irradiance 1000W/m², 25°C, AM1.5

TEMPERATURE RATINGS

Temperature Coefficient of P _{max}	-0.40%/°C
Temperature Coefficient of V _{oc}	-0.32%/°C
Temperature Coefficient of I _{sc}	0.05%/°C
Operational Temperature	-40~+85°C
NOCT(Nominal Operating Cell Temperature)	45 ± 2°C

PACKAGING CONFIGURATION

Container	20GP	40HQ
Quantity/pallet	30	30
Pallets/container	12	26
Quantity/container	360	780

Specifications are subject to change without prior notice

