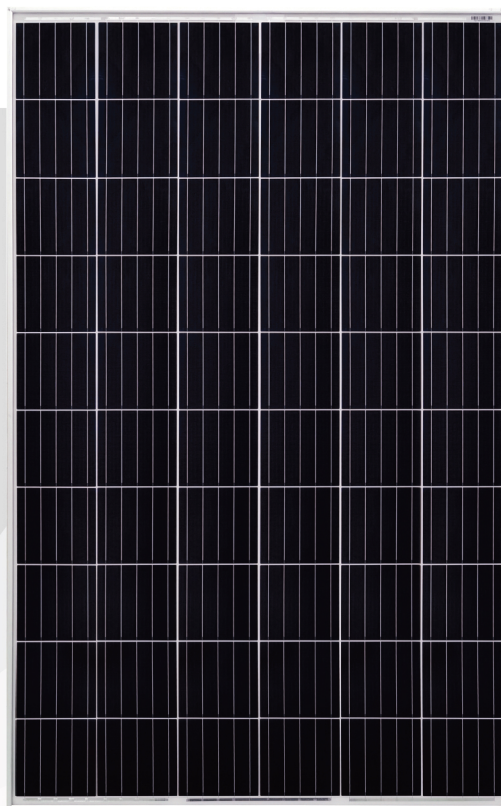


Mono Perc JC(310-330)-60M

High Efficiency PV Module

Max Module Efficiency: 19.9%



KEY FEATURES

- ⦿ Excellent module efficiency up to:19.9%
- ⦿ IP68 junction box for long-term weather endurance
- ⦿ Heavy snow load up to 5400 Pa, wind load up to 3600 Pa
- ⦿ PID: Selected material and stringent quality system ensure PID free
- ⦿ Applicable to harsh environment of deserts, farmlands and seashores
- ⦿ Much lower risk of hot spot

CERTIFICATE



COMPREHENSIVE

Products and System Certificates

IEC 61215 / IEC 61730 / CE / INMETRO

ISO 9001: 2015/Quality management system

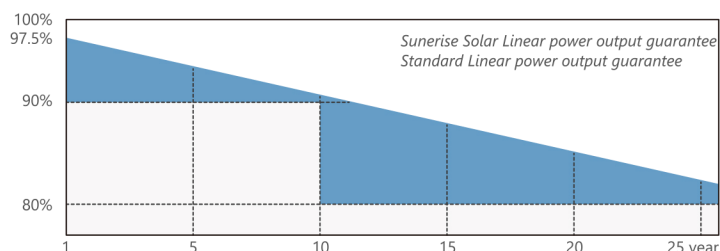
ISO 14001: 2015/Standards for environmental management system

OHSAS 18001: 2007/International standards for occupational health & safety

WARRANTY

- 30 years** Linear power output warranty
 - *12 years minimum 92% power output
 - *30 years minimum 83% power output

- 12 years** Product warranty on materials and workmanship
According to the applicable Einnova Solarline Limited Warranty Statement



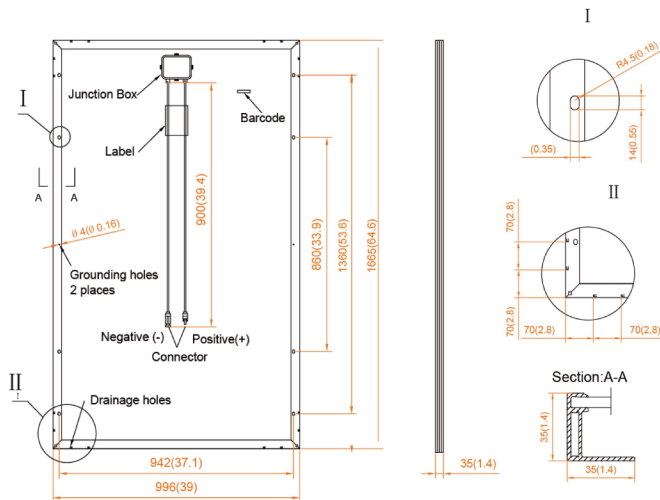
Anhui Sunerise Energy Co.,Ltd

ADD: Building No.1-4, Liandong U Valley, Shenzhen Road, Hefei, China

Tel: +86 551 63817818 E-mail: info@sunerise.com Website: www.sunerisepv.com

JC(310-330)-60M

DESIGN



MECHANICAL SPECIFICATION

Cell Type	Dimension (L×W×T)	Weight
Mono 158.75×158.75mm	1665×996×35mm	19kg
Packing	31pcs/pallet, 868pcs/40HQ	
Cable	4.0mm ² , Portrait: 900mm(+)/900mm(-)	
No. of Cells	60 (60×10)	
Glass	3.2mm High Transmission, Antireflection Coating	
Junction box	IP68, 3 Bypass Diodes	
Connector	MC4 Compatible	

OPERATING PARAMETERS

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	3600Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

ELECTRICAL CHARACTERISTICS(STC)

MODULE TYPE	JC(310-330)-60M					
Maximum Power (Pmax)	305W	310W	315W	320W	325W	330W
Open-circuit Voltage (Voc)	41.40V	41.80V	42.20V	42.60V	43.00V	43.50V
Maximum Power Voltage (Vmp)	34.30V	34.70V	35.10V	35.50V	35.90V	36.30V
Short-circuit Current (Isc)	9.87A	9.92A	9.97A	10.02A	10.08A	10.15A
Maximum Power Current (Imp)	8.90A	8.94A	8.98A	9.02A	9.06A	9.09A
Module Efficiency (%)	18.4%	18.7%	19.0%	19.3%	19.6%	19.9%
Power Tolerance	0~+5W					
Temperature Coefficient of Isc	0.05%/°C					
Temperature Coefficient of Voc	-0.31%/°C					
Temperature Coefficient of Pmax	-0.35%/°C					

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

ELECTRICAL CHARACTERISTICS(NOCT)

MODULE TYPE	JC(310-330)-60M					
Maximum Power (Pmax)	225W	229W	233W	237W	241W	245W
Open-circuit Voltage (Voc)	36.84V	37.28V	37.72V	38.15V	38.59V	32.02V
Maximum Power Voltage (Vmp)	30.2V	30.57V	30.94V	31.31V	31.67V	36.30V
Short-circuit Current (Isc)	7.86A	7.91A	7.98A	8.02A	8.06A	8.10A
Maximum Power Current (Imp)	7.45A	7.49A	7.53A	7.57A	7.61A	7.65A

Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s