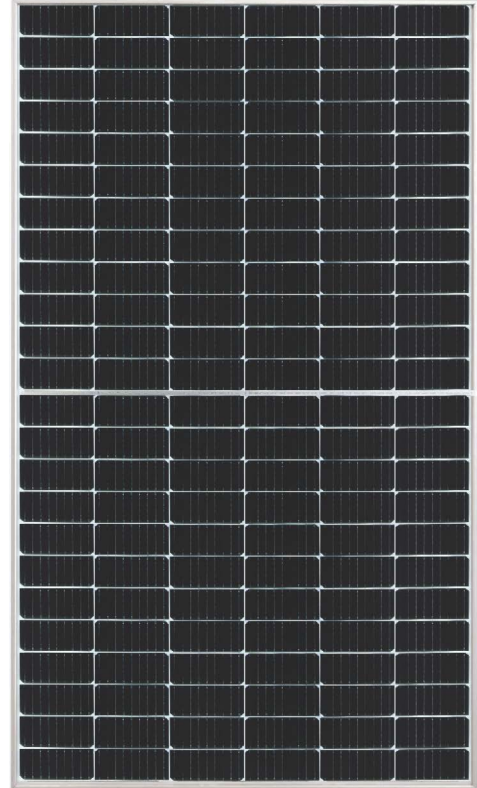


Mono Pere JC(525-550)-144M-B8-H

Half-Cell High Efficiency PV Module Max

Module Efficiency-21.28%

Made in China



KEY FEATURES

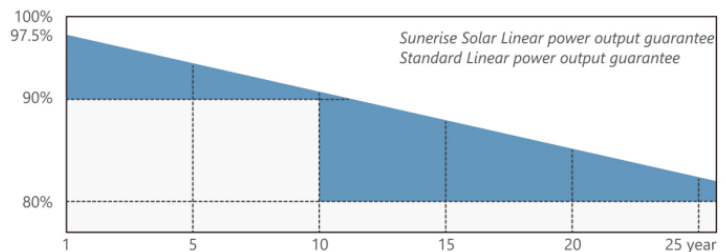
- Excellent module efficiency upto:21.28%
- IP68 junction box for long-term weather endurance
- Heavy snow load up to 5400 Pa, wind load up to 3600 Pa
- Applicable to harsh environment of deserts, farmlands and seashores
- Much lower risk of Hot spot

COMPREHENSIVE

- Products and System Certificates
- IEC61215/IEC61730/CE/INMETRO
- ISO9001:2015/Quality management system
- ISO14001:2015/Standards for environmental management system OHSAS
- 18001:2007/International standards for occupational health & safety

WARRANTY

- 25 years** Linear power output warranty
 - 12 years minimum 90% power output
 - 25 years minimum 83% power output
- 12 years** Product warranty on materials and workmanship
 - According to the applicable Einnova Solarline Limited Warranty Statement

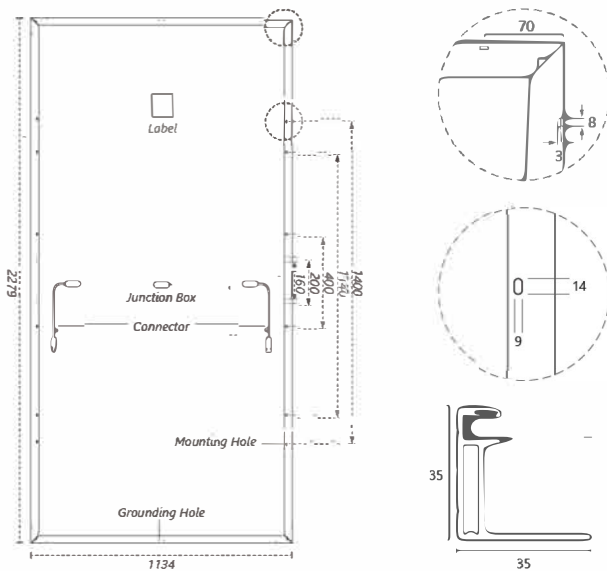


Anhui Sunerise Energy Co.,Ltd

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JC(525-550)-144M-B8-H

DESIGN



MECHANICAL SPECIFICATION

Cells Type	Dimension (L×W×T)	Weight
Mono 182×91mm	2279×1134×35mm	28.5kg
Packing	31 pcs/pallet, 620 pcs/40HQ	
Cable (Including connector)	4.0mm', Portrait: 350mm(+)/350mm(-) Landscape: 1400mm(+)/1400mm(-) 144	
No. of Cells	(6x24)	
Glass	3.2mm High Transmission, Antireflection Coating	
Junction box	I P68, 3 Bypass Diodes	
Connector	RENGHE 05-6 (ZHEJIANG RENGHE PHOTOVOLTAIC TECHNOLOGY CO., LTD.)	

OPERATING PARAMETERS

Maximum system voltage Operating Temperature	1000V/1500V DC -40 ~ +85°C
Maximum series fuse rating	25A
Snow load, frontside	5400Pa
Wind load, backside	3600Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A
Fire class	Class C
safety class	Class II

ELECTRICAL CHARACTERISTICS(STC)

MODULE TYPE	JC(525-550)-144M-B8-H					
Maximum Power (Pmax)	525W(± 3%)	530W(± 3%)	535W(± 3%)	540W(± 3%)	545W(± 3%)	550W(± 3%)
Open-circuit Voltage (Voc)	49.15V(± 3%)	49.30V(± 3%)	49.45V(± 3%)	49.60V(± 3%)	49.75V(± 3%)	49.90V(± 3%)
Maximum Power Voltage (Vmp)	41.15V	41.31V	41.47V	41.64V	41.80V	41.96V
Short-circuit Current (Isc)	13.65A(± 3%)	13.72A(± 3%)	13.79A(± 3%)	13.86A(± 3%)	13.93A(± 3%)	14.00A(± 3%)
Maximum Power Current (Imp)	12.76A	12.83A	12.90A	12.97A	13.04A	13.11A
Module Efficiency (%)	20.31%	20.51%	20.70%	20.89%	21.09%	21.28%
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(525-550)-144M-B8-H						
Maximum Power (Pmax)	387W	391W	394W	398W	402W	405W	409W
Open-circuit Voltage (Voc)	46.0V	46.1V	46.3V	46.5V	46.7V	46.9V	47.1V
Maximum Power Voltage (Vmp)	38.6V	38.8V	39.0V	39.2V	39.4V	39.6V	39.8V
Short-circuit Current (Isc)	10.84A	10.89A	10.94A	10.99A	11.04A	11.09A	11.13A
Maximum Power Current (Imp)	10.01A	10.06A	10.11A	10.15A	10.20A	10.24A	10.29A

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