

FRAMED HALF CELL MODULE

108 CELL

MONOCRYSTALLINE MODULE

390W-410W

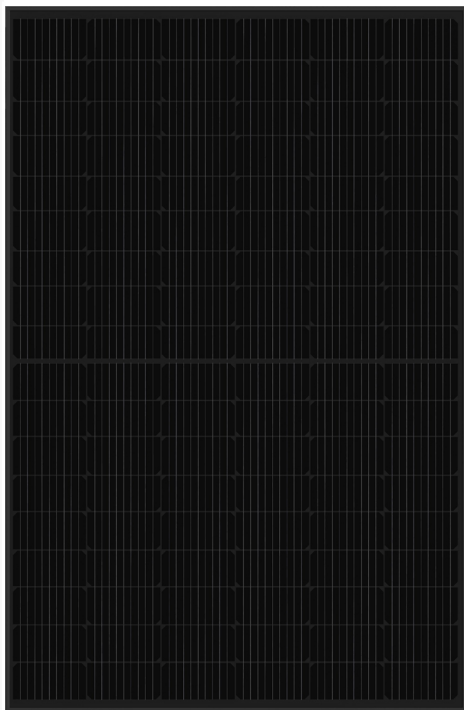
POWER OUTPUT RANGE

20.97%

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

- Selected encapsulating material
- Stringent production process control



Excellent performance under low irradiance

- Special cell process



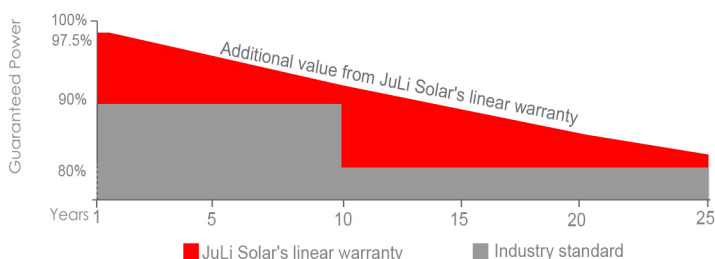
Additional yield and easy maintenance

- Highly transparent self-cleaning glass

LINEAR PERFORMANCE WARRANTY

- 12-year product warranty
- 25-year linear power output warranty

**0.6% Annual Degradation
Over 25 years**



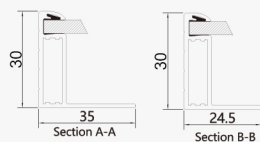
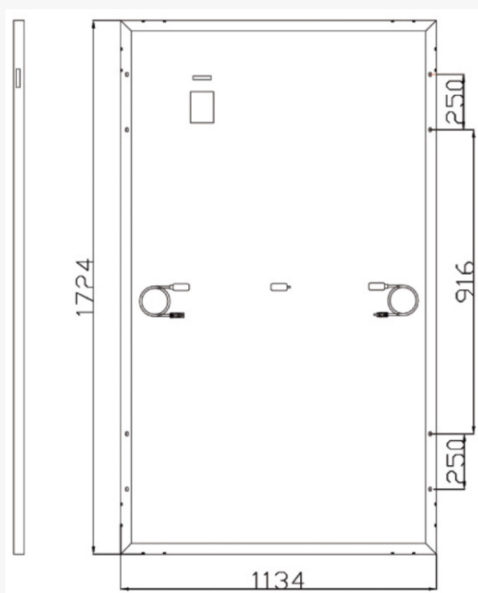
Enjoy the Sunlight.....

JULI NEW ENERGY CO., LTD.

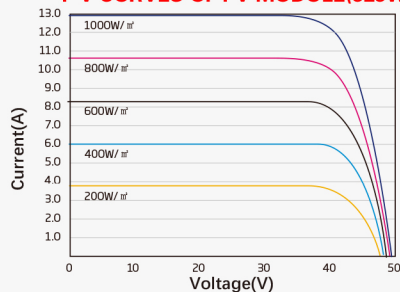
www.julisolar.com



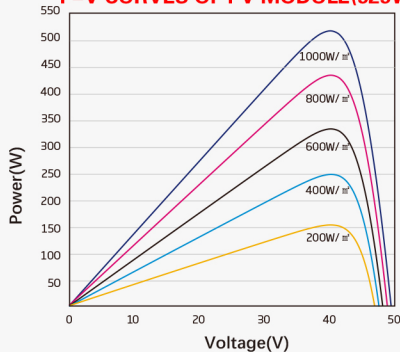
DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE(525W)



P-V CURVES OF PV MODULE(525W)



MECHANICAL DATA

Module Dimensions	1724x1134x30mm
Weight	21.5kg
Cell	Mono Crystalline Silicon , 91mm*182mm-10BB
Glass	3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP68
Cables	4mm²,1100mm
Wind/Snow Load	≤5400Pa

ELECTRICAL DATA (STC)

Module Type	390	395	400	405	410
	SP	SP	SP	SP	SP
Peak Power (P _{max})	390	395	400	405	410
Open Circuit Voltage (V _{oc})	36.53	36.73	36.93	37.13	37.33
Short Circuit Current(I _{sc})	13.62	13.69	13.76	13.83	13.90
Maximum Power Voltage(V _{mp})	30.41	30.62	30.83	31.04	31.25
Maximum Power Current (I _{mp})	12.83	12.90	12.98	13.05	13.12
Module Efficiency	19.95%	20.20%	20.46%	20.72%	20.97%
Power Tolerance	±3%				
Maximum System Voltage	DC 1500V(TUV)/1000V(UL)				
Max Series Fuse Rating	25A				

STC:Irradiance 1000W/m²,25°C,AM1.5

TEMPERATURE RATINGS

Temperature Coefficient of P _{max}	-0.35%/°C
Temperature Coefficient of V _{oc}	-0.27%/°C
Temperature Coefficient of I _{sc}	0.048%/°C
Operational Temperature	-40±85°C
NOCT(Nominal Operating Cell Temperature)	44±2°C

PACKAGING CONFIGURATION

Container	40HQ
Quantity/pallet	36
Pallets/container	26
Quantity/container	936

Specifications are subject to change without prior notice