

JAYU SOLAR

Maximum Efficiency

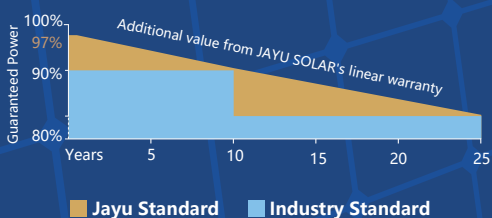
19.45%

Output Power

345-385W



Linear Performance Warranty



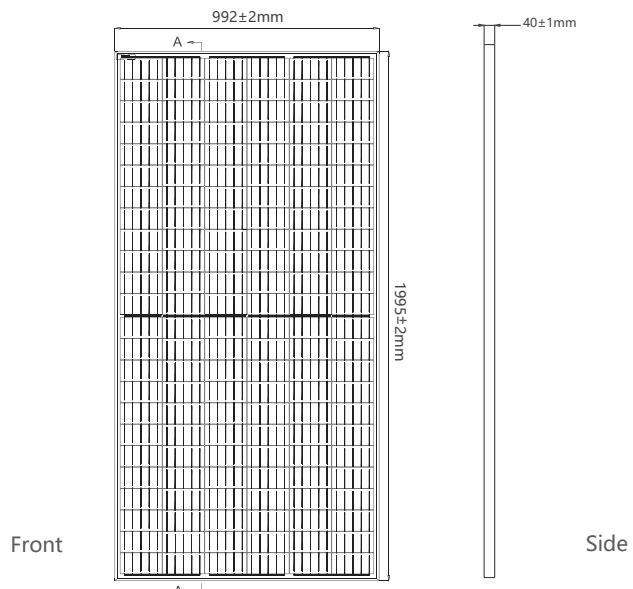
JY345/350/...../385M6-Fg-5

HALF-CELL 72CELL MONOCRYSTALLINE SOLAR MODULE

Features

- Half-cut Cell Technology
New circuit design, Lower internal current, Lower resistance loss
- High-strength Frame
2400Pa wind load, 5400Pa snow load, 25mm hail stones at 82km/h
- Significantly Lower the Risk of Hot Spot
Reduce power loss, Increase module output power
- Excellent Anti-PID Performance
Stringent quality control, High reliability, Internal testing far beyond the industry standards
- Drainaging Designs
To prevent deforming and fracturing due to freezing or other forces

Engineering Drawings



Mechanical Characteristics

Cell Type	Monocrystalline 156.75×78.375mm
Number of cells	144 (6×24)
Dimensions	1995×992×40mm
Weight	22kg
Front Glass	Coated tempered glass
Backsheet	White
Frame Material	Anodized Aluminium Alloy
Fire Safety Class	Class C
Junction Box	IP67, 3 Diodes
Connector	MC4 Compatible
Cables	PV1-F 4MM ²
Encapsulant Material	EVA

Electrical Characteristics(STC)

Maximum Power-PMAX (Wp)	345	350	355	360	365	370	375	380	385
Output Power Tolerance	0~+5Wp								
Optimum Operating Voltage(Vmp)(V)	38.99	39.36	39.66	39.96	40.25	40.38	40.47	40.58	40.78
Optimum Operating Current(Imp)(A)	8.84	8.89	8.95	9.02	9.07	9.16	9.27	9.36	9.45
Open Circuit Voltage (Voc) (V)	47.31	47.45	47.68	47.89	48.16	48.33	48.57	48.82	48.97
Short Circuit Current (Isc) (A)	9.31	9.40	9.49	9.66	9.71	9.79	9.88	9.95	10.06
Module Efficiency (%)	17.43%	17.69%	17.94%	18.19%	18.44%	18.70%	18.95%	19.20%	19.45%

STC: Irradiance of 1000 W/m², AM=1.5, module temperature of 25 °C

Electrical Characteristics(NOCT)

Maximum Power-PMAX (Wp)	256	259	263	267	271	274	278	282	285
Optimum Operating Voltage(Vmp)(V)	36.87	37.25	37.53	37.82	38.09	38.21	38.30	38.40	38.59
Optimum Operating Current(Imp)(A)	6.93	6.97	7.01	7.07	7.11	7.18	7.26	7.33	7.41
Open Circuit Voltage (Voc) (V)	43.70	43.83	44.04	44.23	44.48	44.64	44.86	45.09	45.23
Short Circuit Current (Isc) (A)	7.52	7.60	7.67	7.81	7.85	7.91	7.99	8.04	8.13

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

Temperature Ratings

NOCT(Nominal Module Operating Temperature)	45°C (±2°C)
Temperature Coefficient of PMAX	-0.40%/°C
Temperature Coefficient of VOC	-0.32%/°C
Temperature Coefficient of ISC	+0.05%/°C

Maximum Ratings

Operational Temperature	-40°C ~ 85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	20A

Do not connect Fuse in Combiner Box with two or more strings in parallel connection

Certificates

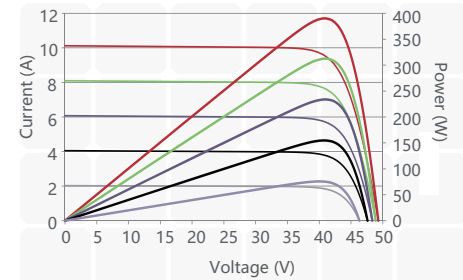
Germany TÜV, CQC, CE

Packaging Configuration

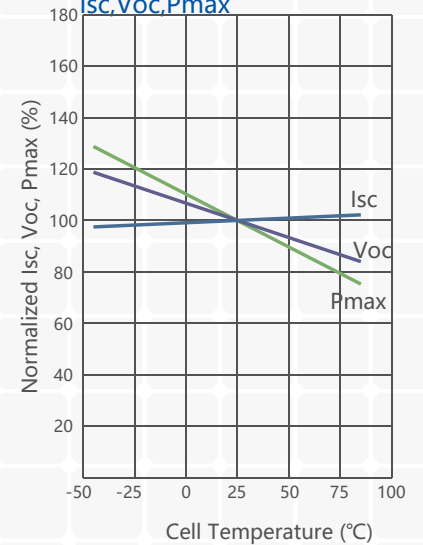
Container	40'HQ	20'GP
Piece per Pallet	26	
Pallet per Container	22	5
Piece per Container	572	130



Current-Voltage & Power-Voltage Curve(380W)



Temperature Dependence of Isc, Voc, Pmax



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