

310 - 325W

Management system

ISO 9001: Quality Management system

ISO 14001: Standard for environmental management system

OHSAS 18001: International standard for occupational health and safety assessment system

WARRANTY



Guarantee on product material.



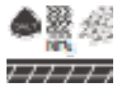
Safe: excellent fire resistance.



Frameless structure cuts off the current leakage circuit to avoid PID.



Special encapsulate material, glass as substrate avoids hydrolysis effect, and stable sual-glass structure effectively avoids snail trail.



Better resistant to stand, salt mist, acid, alkali, etc. Anti-ammonia corrosion.

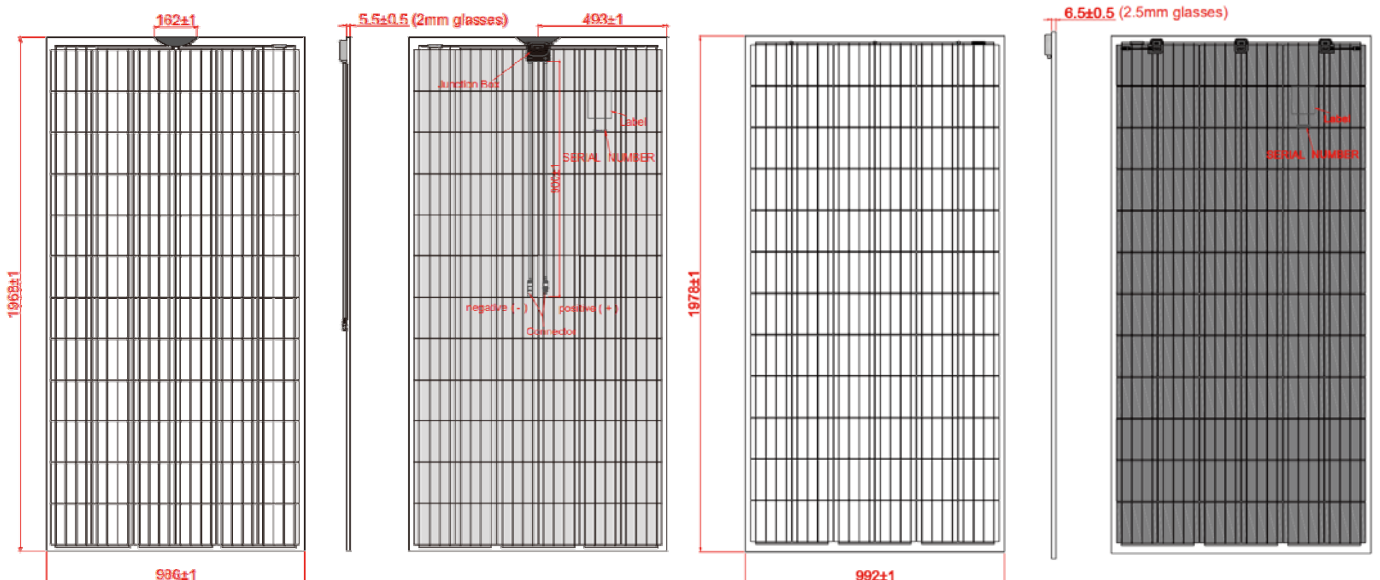
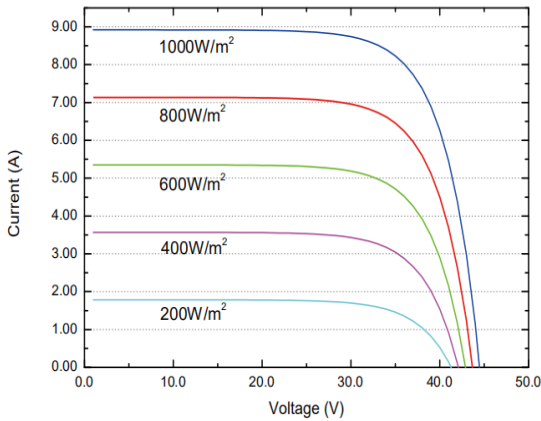


Less maintenance due to frameless structure with less soiling and snow accumultaion.



More power yield and returns, lower power degradation.

SERIES 6 INCH 72 CELLS



Electrical Characteristics

Module Type	UD-310-PA		UD-315-6PA		UD-320-6PA		UD-325-6PA	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at STC -P _{mp} (W)	310	229	315	233	320	237	325	240
Open Circuit Voltage -V _{oc} (V)	46.00	42.40	46.20	42.60	46.20	42.80	46.70	43.00
Short Circuit Current -I _{sc} (A)	8.62	6.97	8.70	7.03	8.80	7.13	8.87	7.19
Maximum Power Voltage -V _{mp} (V)	37.30	34.90	37.50	35.10	37.70	35.30	38.00	35.50
Maximum Power Current -I _{mp} (A)	8.32	6.57	8.40	6.63	8.49	6.72	8.56	6.77
Module Efficiency STC-η _m (%)	15.80		16.05		16.31		16.56	
Power Tolerance (W)	(0,+4.99)							
Maximum System Voltage (V)	1000 (TÜV)							
Maximum Series Fuse Rating (A)	15							

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5
 NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s;
 The module efficiency is calculated by the dimension of module with 2.5mm glasses
 Power measurement tolerance: +/-3%

Temperature Characteristics

Pmax Temperature Coefficient	-0.40 %/°C
Voc Temperature Coefficient	-0.32 %/°C
Isc Temperature Coefficient	+0.05 %/°C

Mechanical Specifications

External Dimensions	1968 x 986 x 5.5mm (2.0mm glasses)	1978 x 992 x 6.5mm (2.5mm glasses)
Weight	23.0 kg	28.5kg
Solar Cells	poly crystalline 156.75 x156.75 mm (72pcs)	poly crystalline 156.75 x156.75 mm (72pcs)
Front Glass	2 mm tempered AR glass, low iron	2.5mm AR tempered glass, low iron
Back Glass	2 mm tempered glass, low iron	2.5mm tempered glass, low iron
Junction Box	IP67	IP67
Output Cables	4.0 mm ² ,cable length: 900 mm	4.0 mm ² ,cable length: 355 mm(-), 255mm(+)
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	2400 Pa	2400



Packing Configuration

	1968 x 986 x 5.5mm (2.0mm glasses)		1978 x 992 x 6.5mm (2.5mm glasses)	
Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	33	33	33	33
Pallets per Container	10	22	10	22
Pieces per Container	330	726	330	726

For further information please feel free to contact us



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