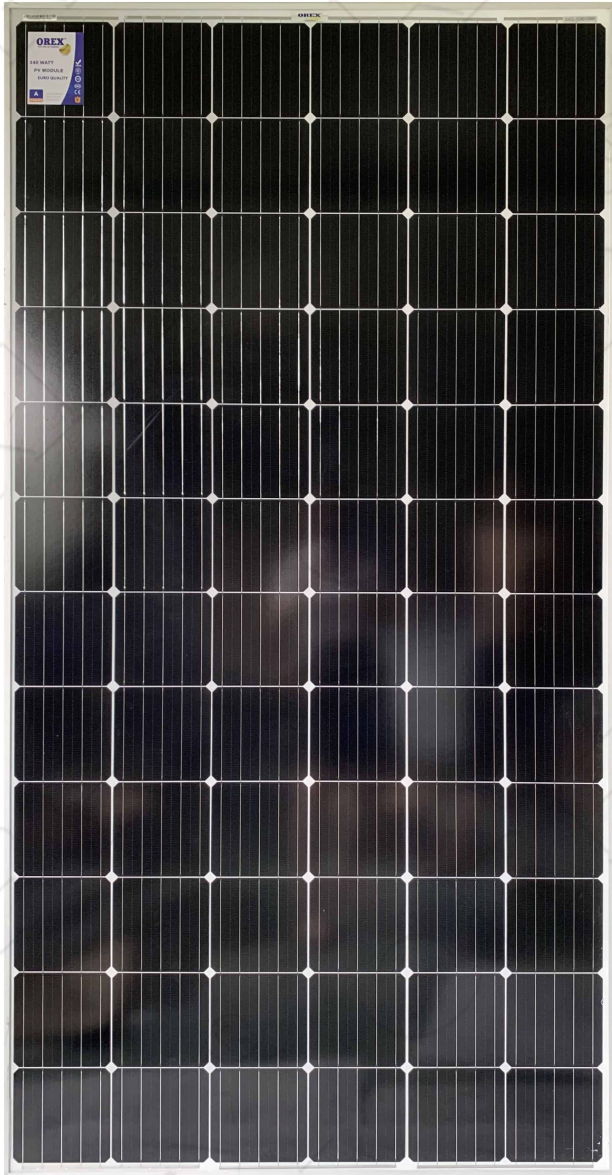


72 Cells
320-375Wp Output Power Range Max
system voltage 1500V standard
Benefits



OREX

Address: U.A.E, DUBAI, DAFZA

TEL: +971 42324546

Benefits

- High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
 - Bypass diode minimizes the power drop caused by shade;
 - Tempered glass, EVA resin, and weatherproof film,
 - plus aluminum frame for extended outdoor use;
- Modules independently tested to ensure conformance with
- certification and regulatory standards;
- Manufacturing facility certified to ISO 9001/ISO 14001;
- quality management system standards.

Key Features

- **OUTPUT POSITIVE TOLERANCE:**
Guaranteed 0~+5W positive tolerance ensures power responsibility
- **PASSED HAIL TEST:**
Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity(v=23.m/s).
- **PID RESISTANCE:**
Excellent PID resistance at (-40°C~+85°C) test, and also can be improved to meet higher standards for the particularly harsh environment.
- **EXCELLENT MECHANICAL LOAD CAPABILITY:** Certified to withstand: snow load (5400 Pa) and wind load (2400 Pa).
- **WARRANTIES:**
12 year limited product warranty; 25 year limited power output warranty(90% for 10 years, and 80% for 25 years),Please refer to our Warranty Terms conditions

ELECTRICAL SPECIFICATIONS

Electrical parameters at STC (irradiance 1000W/m², ambient temp 25°C, Atmospheric quality AM1.5)

Module Type	AR-M320W~AR-M375W												
Power output(W)	Pmax	320	325	330	335	340	345	350	355	360	365	370	375
Power output tolerances	ΔPmax	0~+5W											
Module efficiency(%)	ηm	16.49	16.74	17.00	17.26	17.52	17.78	18.03	18.29	18.55	18.81	19.06	19.32
Voltage at Pmax(v)	Vmp	38.54	38.65	37.62	37.68	37.72	37.94	38.43	38.75	39.15	39.48	39.62	39.86
Current at Pmax(A)	Imp	8.30	8.41	8.77	8.89	9.01	9.09	9.11	9.16	9.20	9.25	9.34	9.41
Open circuit voltage(V)	Voc	45.82	45.88	45.92	45.94	45.96	46.12	46.23	46.35	46.43	46.52	46.68	46.85
Short circuit current(A)	Isc	9.05	9.16	9.27	9.34	9.39	9.40	9.42	9.44	9.47	9.50	9.52	9.59

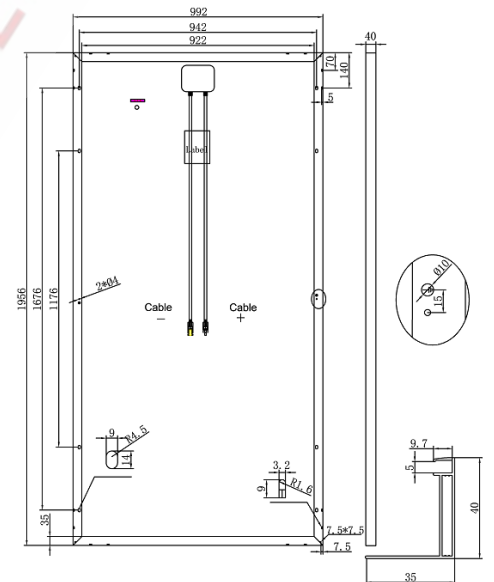
Electrical parameters STC (irradiance 800W/m², ambient temp 25°C, wind speed 1/ms)

Module Type	AR-M320W~AR-M375W												
Power output(w)	Pmax	239.5	243.2	246.9	250.7	254.4	258.2	261.9	265.7	269.4	273.1	276.9	280.6
Voltage at Pmax(v)	Vmp	35.17	34.23	34.29	34.33	34.53	34.97	35.26	35.63	35.93	36.05	36.27	35.17
Current at Pmax(A)	Imp	6.91	7.21	7.31	7.41	7.48	7.49	7.53	7.56	7.60	7.68	7.74	6.91
Open circuit voltage(v)	Voc	41.75	41.79	41.81	41.82	41.97	42.07	42.18	42.25	42.33	42.48	42.63	41.75
Short circuit current(A)	Isc	7.95	8.30	8.41	8.52	8.60	8.61	8.66	8.70	8.74	8.83	8.90	7.95

Mechanical Data

Module Demision (mm)	1956×992×40
Cells	156.75*156.75 72(6×10)
Weight (kg)	22.5
Class	High transmission glass 3.2mm
anti-reflective coating	Antireflecting glass
Junction box IP rating	IP67 1500VDC 3 bypass diode
Gable	TUV certified 4mm ²
Connector type	MC4 compatible
Fire performance	Class C

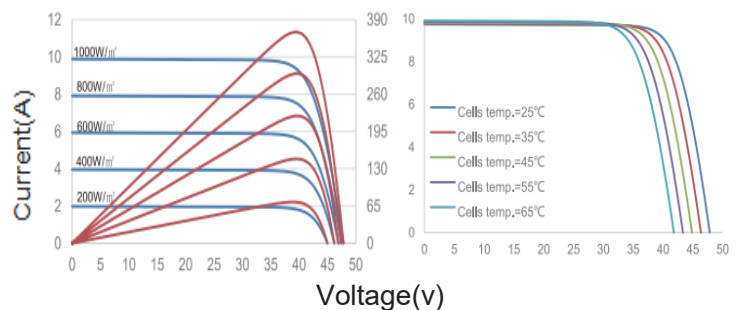
Module Dimensionl Details



Working Conditions & Temperature

Temperature coefficient (P mpp)	-0.39%/°C
Temperature coefficient (I sc)	+0.05%/°C
Temperature coefficient (V oc)	-0.29%/°C
NOCT	45°C±2 °C
Maximum system voltage (IEC/UL)	1500V DC
Maximum series fuse rating	15A

IV-Curves



Packing

packing unit	27pcs/box
1*40'HQ	22Pallets/594pcs