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EnergyPal

Solar Panel Guide Specification Data Sheet

**Zhejiang Isola New Energy Co.,Ltd
400W NEW HOT
YH400W-36M**

Also available on the web at
EnergyPal.com/zhejiang-isola-new-energy-co-ltd-solar-panels/yh400w-36m



72M PERC 370W-400W



Outstanding mechanical load resistance
3800 Pa wind load, 5400 Pa snow load



Anti-PID (potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TÜV



Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules



ELECTRICAL PERFORMANCE

Model Type	YH370W-36M		YH380W-36M		YH390W-36M		YH400W-36M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	1956*992*40		1956*992*40		1980*996*40		1980*996*40	
Peak Power at STC (Pmax)	370	275	380	282	390	290	400	297
Maximum Power Voltage (Vmp)	38.82	36.3	39.02	36.48	39.22	36.67	39.78	36.87
Maximum Power Current (Imp)	9.54	7.58	9.74	7.74	9.95	7.91	10.05	8.07
Open Circuit Voltage (Voc)	47.97	44.47	47.8	44.69	48.05	44.9	48.53	45.36
Short Circuit Current (Isc)	10.41	8.3	10.67	8.48	10.9	8.66	10.95	8.73
Cell Eff / Module Eff (%)	21.03/19.06		21.6/19.58		21.66/19.77		22/20.28	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

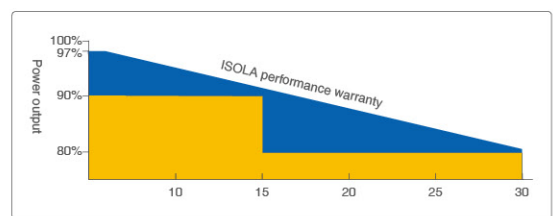
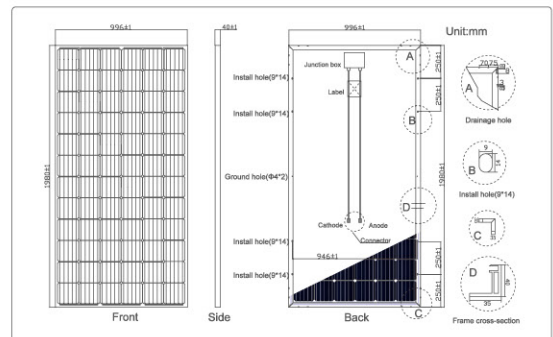
Maximum System Voltage(V)	1000V/1500V
Maximum Series Fuse Rating(A)	20
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/C°)	-0.300%
Voc Temperature Coefficients(V/C°)	-0.290%
Isc Temperature Coefficients(A/C°)	+0.048%
NOCT Nominal Operating Cell Temperature(C°)	45±2
Operating and Storage Temperature(C°)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	72/mono/156.75 or 158.75
Frame (Material)	anodized aluminum alloy
Junction Box (Protection Degree)	IP67
Cable (Length/Cross-Sectional Area)	900mm / 4mm ² + MC4

PACKAGING SPECIFICATIONS

- 20FT container 10 Packages/ 270Pcs
- 40HQ container 22 Packages/ 660Pcs



- STC Irradiance 1000W/m² Cell Temperature 25°C AM=1.5
- NOCT Irradiance 800W/m² Ambient Temperature 20°C AM=1.5



Please Scan Code



72P PERC

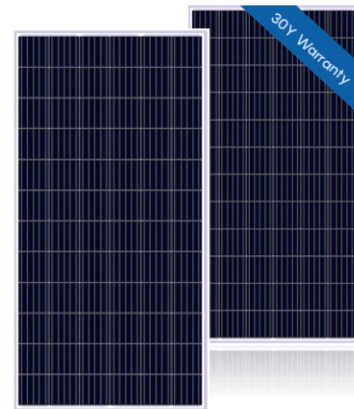
320W-350W

Outstanding mechanical load resistance
3800 Pa wind load, 5400 Pa snow load

PID FREE Anti-PID(potential induced degradation)
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TÜV Great Durability against extreme conditions
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ELECTRICAL PERFORMANCE

Model Type	YH320W-36P		YH330W-36P		YH340W-36P		YH350W-36P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	1956*992*40		1956*992*40		1980*996*40		1980*996*40	
Peak Power at STC (Pmax)	320	238	330	245	340	252	350	260
Maximum Power Voltage (Vmp)	36.78	33.83	37.26	34.28	37.42	34.42	37.84	34.81
Maximum Power Current (Imp)	8.71	7.04	8.86	7.15	9.09	7.33	9.25	7.47
Open Circuit Voltage (Voc)	44.14	40.6	44.72	41.15	44.9	41.3	45.4	41.77
Short Circuit Current (Isc)	9.41	7.6	9.57	7.72	9.82	7.91	10	8.06
Cell Eff / Module Eff (%)	18.09/16.49		18.65/17		19.22/17.52		19.79/18.03	

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