

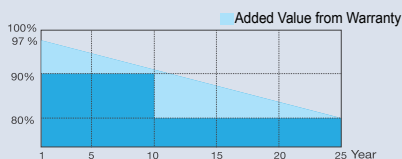
YGE-T 72 CELL



10 YEAR
PRODUCT WARRANTY

0-5W
POWER TOLERANCE

25 Years Linear Warranty



10-year product warranty
25-year warranty on power output
Specific information is referred to the product quality guarantee

Quality meets performance

Completed by Yingli premium service

YGE-T series modules are designed for yield optimised roof and field systems. They combine application specific and robust mechanical properties with high energy yields.



Quality

The quality and reliability of the modules is ensured by most modern production facilities, narrow tolerance limits and strict quality checks like a double 100% EL check.



Low Light Behavior

The excellent low light behaviour of less than 4% module efficiency loss at 200W/m² means higher yields and improved profitability of your system.



Current Binning

A classification of the modules based on their current reduces mismatch losses and is increasing the system performance by up to 2%.



Yingli Service

Our experience, service and warranty is a real value and security for your investment. Thousands of satisfied investors of more than 20GW deployed modules since 1998 appreciate and honor that.

Yingli Green Energy

Yingli Green Energy Holding Company Limited (NYSE: YGE), known as “Yingli Solar”, is one of the world’s leading solar panel manufacturers with the mission to provide affordable green energy for all. Yingli Solar makes solar power possible for communities everywhere by using our global manufacturing and logistics expertise to address unique local challenges.

YGE-T 72 CELL

ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

Module type	YLxxxP-35b (xxx = Pmax)						
Power output	P_{max}	W	310	315	320	325	330
Power output tolerances	ΔP_{max}	W	0 / + 5				
Module efficiency	η_m	%	16	16.2	16.5	16.7	17.0
Voltage at P_{max}	V_{mpp}	V	37.4	37.8	38.2	38.6	38.9
Current at P_{max}	I_{mpp}	A	8.29	8.34	8.39	8.44	8.49
Open-circuit voltage	V_{oc}	V	45.2	45.4	45.6	45.8	46.0
Short-circuit current	I_{sc}	A	8.98	9.05	9.12	9.19	9.26

STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

Electrical parameters at Nominal Operating Cell Temperature (NOCT)

Power output	P_{max}	W	227	231	235	239	242
Voltage at P_{max}	V_{mpp}	V	33.9	34.3	34.7	35.1	35.5
Current at P_{max}	I_{mpp}	A	6.70	6.74	6.78	6.82	6.86
Open-circuit voltage	V_{oc}	V	41.0	41.2	41.4	41.6	41.8
Short-circuit current	I_{sc}	A	7.25	7.31	7.37	7.42	7.48

NOCT: Irradiance 800W/m², ambient temperature 20°C wind speed 1 m/s

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 +/- 2
Temperature coefficient of P_{max}	γ	%/°C	-0.41
Temperature coefficient of V_{oc}	β_{Voc}	%/°C	-0.34
Temperature coefficient of I_{sc}	α_{Isc}	%/°C	0.049

OPERATING CONDITIONS

Max. system voltage	1000V
Max. series fuse rating	15A
Operating temperature range	-40°C to 85°C

CONSTRUCTION MATERIALS

Front glass	High transmission tempered glass
Cell (quantity / material / dimensions / number of busbars)	72 / Poly crystalline / 156 mm x 156 mm
Frame (material)	anodized aluminum alloy
Junction box (protection degree)	IP67
Cable (length / cross-sectional area)	4mm ² (IEC), 1000mm
Plug connector (type / protection degree)	MC4/MC4 Compatible

- Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed.
- The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

QUALIFICATIONS & CERTIFICATES



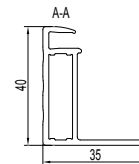
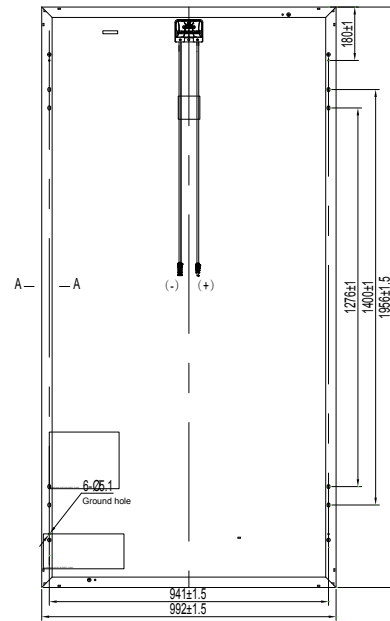
GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1956mm×992mm×40mm (77.0in×39.1in×1.6in)
Weight	23 kg (50.7 lbs)

PACKAGING SPECIFICATIONS

Packaging Configuration	26pcs/box, 672pcs/40'HQ Container
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Unit: mm



Warning: Read the Installation and User Manual in its entirety before handling, installing, and operating Yingli Solar modules.

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