



pa η da 3.0 Plus 1

735W

MAXIMUM MODULE EFFICIENCY

23.7%

POSITIVE POWER TOLERANCE

0~+5_w



N-type TOPCon Bifacial Module

**IMPROVED POWER
NEVER SETTLE FOR LESS**



Backside Yield



Wide Applications



Superior Yield



Outstanding Bifaciality



Excellent Durability



Yingli Solar Website



QUALIFICATIONS & CERTIFICATES

IEC 61215, IEC 61730, CE

ISO 9001: Quality management systems

ISO 14001: Environmental management systems

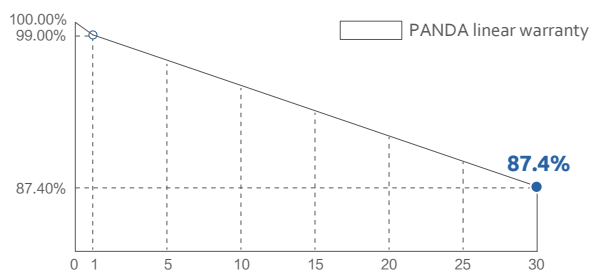
IEC 62941: Quality system for PV module manufacturing

ISO 45001: Occupational health and safety management systems

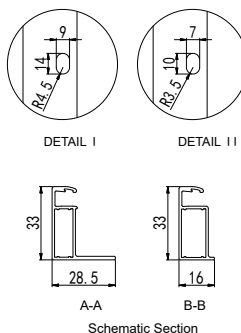
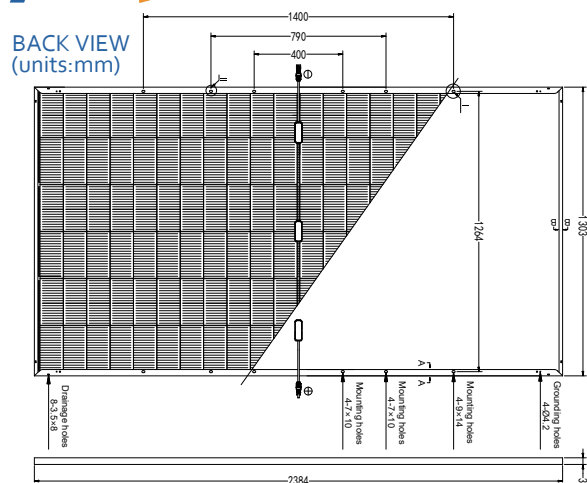


Warranty partner

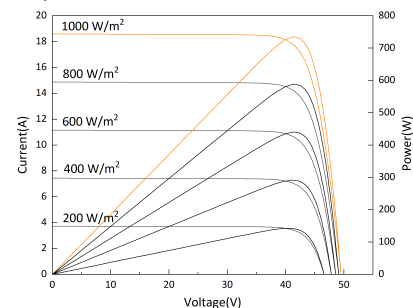
Munich RE



1.00% the 1st year power degradation
0.40% annual power degradation



I-V / P-V CURVES



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

Electrical Parameters at Standard Test Conditions (STC)

Module type	YLxxxCF66 f/2 (xxx=Pmax)					
Power output*-Pmax (W)	710	715	720	725	730	735
Power output tolerances-ΔPmax (W)	0 / + 5					
Module efficiency-η _m (%)	22.9	23.0	23.2	23.3	23.5	23.7
Voltage at Pmax - V _{mpp} (V)	40.85	41.00	41.15	41.27	41.41	41.58
Current at Pmax-I _{mpp} (A)	17.39	17.44	17.50	17.57	17.63	17.68
Open-circuit voltage*-V _{oc} (V)	48.50	48.70	48.90	49.10	49.30	49.50
Short-circuit current*-I _{sc} (A)	18.38	18.42	18.46	18.51	18.55	18.59

STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5. *Measruing tolerance: ±3%.

Electrical Parameters at Nominal Operating Cell Temperature (NOCT)

Power output-Pmax (W)	540	544	548	551	555	559
Voltage at Pmax - V _{mpp} (V)	38.97	39.11	39.25	39.37	39.50	39.66
Current at Pmax-I _{mpp} (A)	13.86	13.90	13.95	14.01	14.06	14.10
Open-circuit voltage-V _{oc} (V)	46.06	46.25	46.44	46.63	46.82	47.01
Short-circuit current-I _{sc} (A)	14.81	14.84	14.87	14.91	14.95	14.98

NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m · s⁻¹ wind speed.

Bifacial Electrical Parameters at Standard Test Conditions(BNPI)

Power output-Pmax (W)	787	792	798	803	809	815
Voltage at Pmax - V _{mpp} (V)	40.85	41.00	41.15	41.27	41.41	41.58
Current at Pmax-I _{mpp} (A)	19.27	19.32	19.39	19.47	19.53	19.59
Open-circuit voltage-V _{oc} (V)	48.50	48.70	48.90	49.10	49.30	49.50
Short-circuit current-I _{sc} (A)	20.37	20.41	20.45	20.51	20.55	20.60

BNPI: 1000W·m⁻² on the front side and 135 W·m⁻² on the back side, 25°C cell temperature, AM 1.5. Bifaciality coefficient is 80% ± 5%.

Thermal Characteristics

Nominal operating cell temperature-NOCT(°C)	42 ± 2
Temperature coefficient of Pmax-γ (% / °C)	- 0.29
Temperature coefficient of Voc-β (% / °C)	- 0.24
Temperature coefficient of Isc-α (% / °C)	0.042

Packaging Specifications

Number of modules per pallet	33
Number of pallets per 40' container	17
Packaging box dimensions (L / W / H)	1340 mm / 1140 mm / 2500 mm
Box weight	1271 kg

Operating Conditions

Max. system voltage	1500 V _{DC}
Max. series fuse rating*	35 A
Operating temperature range	- 40°C~ 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter / velocity)	25 mm / 23 m·s ⁻¹

*Do not connect fuse in combiner box with two or more strings in parallel connection.

General Characteristics

Dimensions (L / W / H)	2384 mm / 1303 mm / 33 mm
Weight	36.9 kg

Construction Materials

Cell (material / quantity)	n-type monocrystalline silicon / 6 x 22
Glass (thickness)	2.0 mm / 2.0 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

• 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.



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