

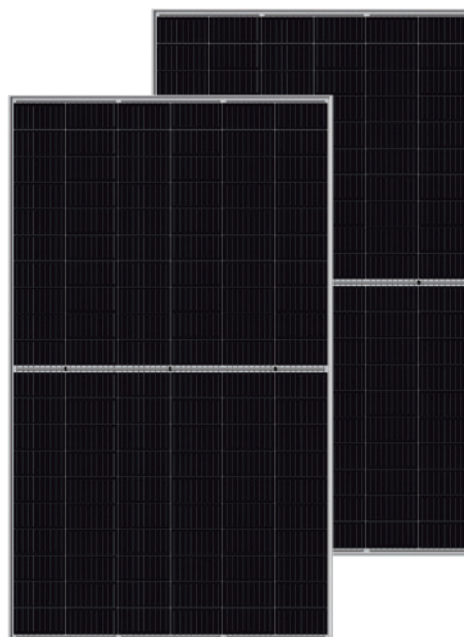
BIPRO

TD6G60M-XXX **120-cell**

330 - 340W

bifacial dual glass

9BB half-cut mono perc



KEY FEATURES



9BB half-cut cell technology

New circuit design, lower internal current, lower Rs loss



Industry leading high yield

Bifacial PERC cell technology,
5%-25% more yield depends on different conditions



Wider application

No water-permeability and high wear-resistance,
can be widely used in high-humid, windy and dusty area



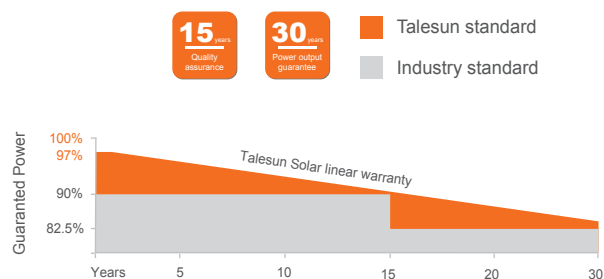
IP68 junction box

High waterproof level

SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems

PERFORMANCE WARRANTY



ELECTRICAL PARAMETERS

Performance at STC (Power Tolerance $\pm 3\%$; Binning tolerance: 0~+5W)

Maximum Power (Pmax/W)	330	335	340
Operating Voltage (Vmpp/V)	33.8	34.1	34.4
Operating Current (Impp/A)	9.77	9.83	9.89
Open-Circuit Voltage (Voc/V) (Tolerance $\pm 4\%$)	40.6	40.8	41.0
Short-Circuit Current (Isc/A) (Tolerance $\pm 4\%$)	10.30	10.35	10.40
Module Efficiency $\eta_m(\%)$	19.14	19.43	19.72

Performance at NMOT

Maximum Power (Pmax/W)	249.3	252.9	256.7
Operating Voltage (Vmpp/V)	31.9	32.2	32.5
Operating Current (Impp/A)	7.80	7.85	7.90
Open-Circuit Voltage (Voc/V)	38.4	38.5	38.7
Short-Circuit Current (Isc/A)	8.29	8.33	8.37

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

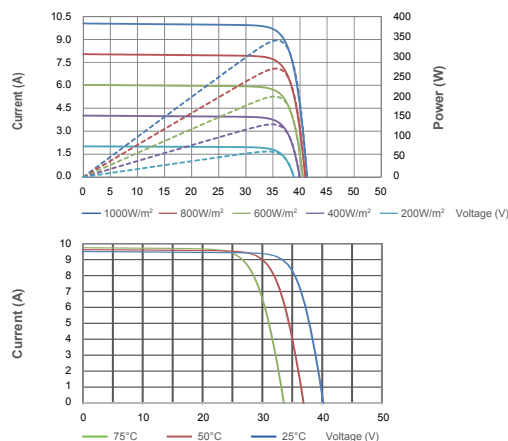
Electrical characteristics with different rear side power gain (refer to 340W front)

Pmax gain	Pmax/W	Vmpp/V	Impp/A	Voc/V	Isc/A
5%	357	34.4	10.38	41	10.92
10%	374	34.4	10.88	41	11.44
15%	391	34.4	11.37	41	11.96
20%	411	34.6	11.87	41.2	12.48
25%	428	34.6	12.36	41.2	13.00

MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	158.75*158.75mm
Cell Arrangement	120 (6*20)
Weight	23kg (50.71lbs.)
Module Dimensions	1705*1011*30mm (67.13*39.8*1.18inches)
Cable Length (Portrait)	(+)300mm (11.81inches) / (-)300mm (11.81inches)
Cable Length (Landscape)	(+)1200mm (47.24inches) / (-)1200mm (47.24inches)
Cable Cross Section Size	4mm ² (0.006inches ²)
Front Glass	2.0mm (0.08inches) AR Coated Strengthened Glass
Back Glass	2.0mm (0.08inches) Heat Strengthened Glass (White Grid Glass)
No. of Bypass Diodes	3/6
Packing Configuration	32pcs/carton, 832pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

I-V CURVE



OPERATING CONDITIONS

Maximum System Voltage	1500V
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	20A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	$\leq 0.1\Omega$
Safety Class	II
Resistance	$\geq 100M\Omega$
Connector	PV-KST4-EVO2/xy-UR(male), PV-KBT4-EVO2/xy-UR(female) ; T01; LJQ-3
Fire Rating (according to UL790)	Class C
Backside Output Ratio*	60% ~ 80%
*Under STC: Backside Output Ratio = $P_{max(rear)} / P_{max(front)}$	

TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.36%/°C
Temperature Coefficient Voc	-0.26%/°C
Temperature Coefficient Isc	+0.043%/°C
NMOT	43 \pm 2°C

TECHNICAL DRAWINGS

