



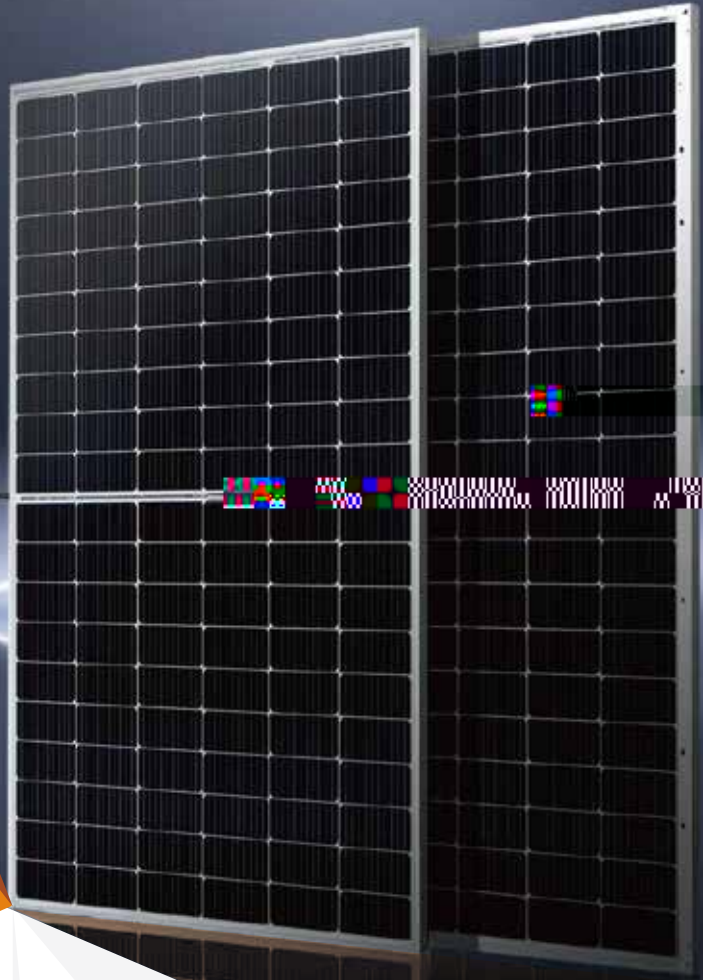
# BIPRO

TD7G60M **120-cell**

440 - 460W

Bifacial Dual Glass

10BB Half-cut Mono Perc



## SYSTEM & PRODUCT CERTIFICATES

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

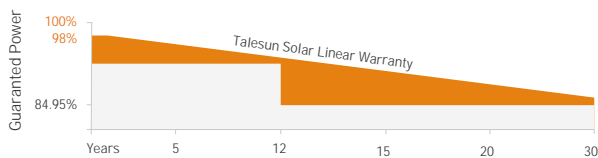


## PERFORMANCE WARRANTY

12 Years  
Quality Assurance

30 Years  
Power Output Guarantee

Linear Performance Warranty



## KEY FEATURES



### 10BB Half-cut Cell Technology

New circuit design, lower internal current, lower Rs loss  
Ga doped wafer, attenuation <2% (1st year) / 0.45% (Linear)



### Industry Leading High Yield

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



### Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



## ELECTRICAL CHARACTERISTICS

	440	328	445	332	450	336	455	339	460	343
	34.35	32.1	34.53	32.2	34.70	32.4	34.87	32.6	35.04	32.7
	12.81	10.23	12.89	10.30	12.97	10.36	13.05	10.42	13.13	10.49
	40.99	38.6	41.16	38.7	41.33	38.9	41.50	39.1	41.67	39.2
	13.69	11.04	13.78	11.11	13.86	11.17	13.94	11.24	14.02	11.30
	20.30		20.50		20.70		21.00		21.20	

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## REAR SIDE POWER GAIN(REFERENCE TO 445W FRONT)

	5%	10%	15%	20%	25%
	467	490	512	534	556
	34.53	34.53	34.53	34.53	34.53
	13.53	14.18	14.82	15.47	16.11
	41.16	41.16	41.16	41.16	41.16
	14.47	15.16	15.85	16.54	17.23

## MECHANICAL CHARACTERISTICS

	Monocrystalline Silicon (10Busbar)
	120pcs in series (6*20)
	1914*1134*30mm (75.35*44.65*1.18inches)
	26.8kg (59.1lbs)
	2.0mm AR Coating Semi-tempered Glass
	2.0mm Glazed Semi-tempered Glass
	Anodized Aluminium Alloy
	IP68, 3 Bypass Diodes
	4mm <sup>2</sup> (IEC), 12AWG(UL) 300mm in Length or Customized Length
	T01/LJQ-3-CSY/MC4/MC4-EV02

## APPLICATION CONDITIONS

	1500V/DC
	-40°C~+85°C
	30A
	Class II
	Front side 5400Pa, Back side 2400Pa
	70%±5%

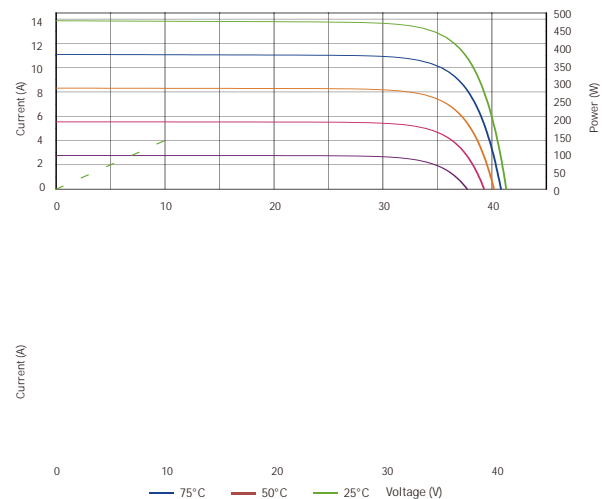
## TEMPERATURE CHARACTERISTICS

	-0.35%/°C
	-0.26%/°C
	+0.048%/°C
	43±2°C

## PACKING CONFIGURATION

	36	36(USA)
	864	684

## I-V CURVE



## TECHNICAL DRAWINGS



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