

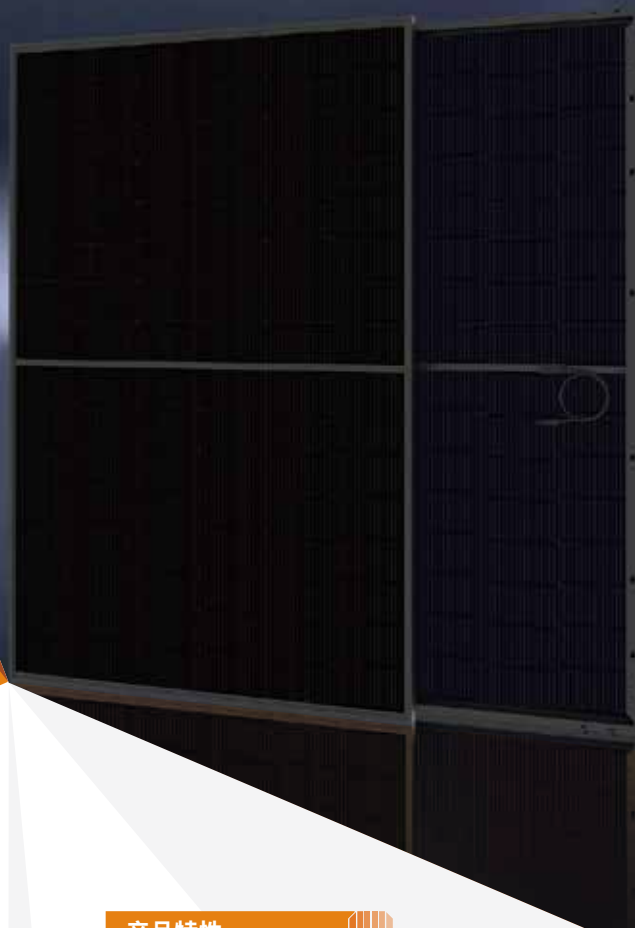


# BIPRO

TM3G48M **96-cell**

430 - 450 W

16BB N



## 体系及产品认证

- IEC 61215 / IEC 61730 / UL 61730
- ISO 9001: 2015
- ISO 14001: 2015
- ISO 45001: 2018



## 质量保证

保证功率

## 产品特性



**16BB半片电池技术**

LID/LeTID  
1% 0.4%



**行业领先的发电效率增益**

TOPCon LCOE



**抗PID和低辐照度性能优异**

192 PID



## 电性能参数

	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
(Pmax/W)	430	327	435	330	440	334	445	338	450	342
(Vmpp/V)	28.92	27.30	29.22	27.50	29.52	27.70	29.79	28.00	30.09	28.20
(Impp/A)	14.87	11.97	14.89	12.00	14.91	12.05	14.94	12.09	14.96	12.12
(Voc/V)	34.76	33.00	34.98	33.20	35.20	33.40	35.42	33.60	35.64	33.80
(Isc/A)	15.72	12.67	15.76	12.71	15.80	12.74	15.83	12.76	15.86	12.79
(%)	21.50		21.80		22.00		22.30		22.50	

STC : 1000W/m<sup>2</sup>, AM1.5, 25 °C, 0~+5W/m<sup>2</sup>, ± 3%  
 NMOT( ) : 800W/m<sup>2</sup>, AM1.5, 20 °C, 1m/s

## 背面功率增益(以445W为例)

	5%	10%	15%	20%	25%
(Pmax/W)	467	490	512	534	556
(Vmpp/V)	29.79	29.79	29.79	29.79	29.79
(Impp/A)	15.69	16.43	17.18	17.93	18.68
(Voc/V)	35.42	35.42	35.42	35.42	35.42
(Isc/A)	16.62	17.41	18.20	19.00	19.79

## 机械参数

	N 16BB
	96 (6*16)
	1762*1134*30mm (69.37*44.65*1.18 )
	24.7kg (54.45lbs)
	2.0mm
	2.0mm
	IP68, 3
	4mm <sup>2</sup> (IEC), 1.2AWG (UL) 350mm(+), 250mm(-)
	T01/LJQ-3-CSY/MC4/MC4-EVO2

## 应用条件

	1500V/DC
	-40°C~+85°C
	35A
	Class
	5400Pa 2400Pa
	80% ± 5%

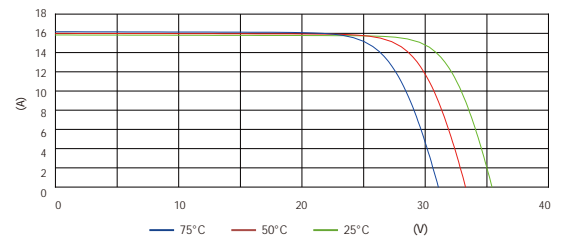
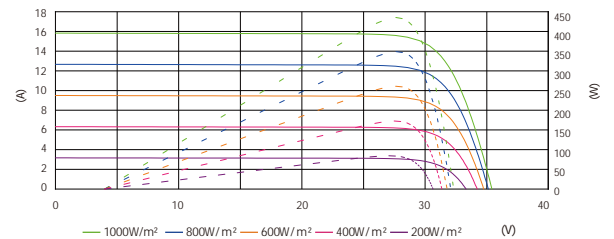
## 温度系数

Pmax	-0.29%/°C
Voc	-0.24%/°C
Isc	+0.043%/°C
NMOT	43± 2°C

## 包装

	36	36(USA)
(40'HC)	936	720

## I-V曲线



## 技术图

