

BIPRO

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

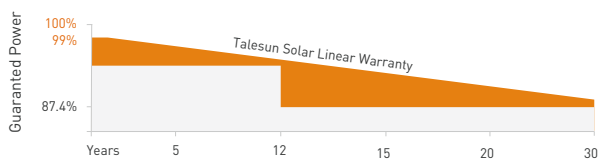


PERFORMANCE WARRANTY

12 Years
Quality Assurance

30 Years
Power Output Guarantee

Linear Performance Warranty



Excellent Anti-PID Performance

Anti

192 hours Anti-PID test

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

ELECTRICAL CHARACTERISTICS

Open-circuit Voltage (V _{OC})	620	473	625	478	630	482	635	486	640	490
Short-circuit Current (I _{SC})	36.20	33.90	36.40	34.30	36.60	34.50	36.80	34.70	37.00	35.00
Open-circuit Voltage at 1000W/m ² (V _{OC} 1000)	17.13	13.94	17.19	13.95	17.22	13.96	17.26	13.98	17.30	14.00
Short-circuit Current at 1000W/m ² (I _{SC} 1000)	43.20	40.90	43.50	41.20	43.90	41.60	44.20	41.90	44.50	42.10
Open-circuit Voltage at 2000W/m ² (V _{OC} 2000)	18.18	14.65	18.21	14.68	18.24	14.70	18.27	14.73	18.30	14.75
Temperature Coefficient of V _{OC} (1000W/m ²)	21.90		22.10		22.30		22.40		22.60	

REAR SIDE POWER GAIN(REFERENCE TO 630W FRONT)

Power Gain (%)	5%	10%	15%	20%	25%
V _{OC} (V)	662	693	725	756	788
I _{SC} (A)	36.60	36.60	36.60	36.60	36.60
V _{OC} at 1000W/m ² (V)	18.08	18.94	19.80	20.66	21.53
I _{SC} at 1000W/m ² (A)	43.90	43.90	43.90	43.90	43.90
Temperature Coefficient of V _{OC} (1000W/m ²)	19.15	20.06	20.98	21.89	22.80

MECHANICAL CHARACTERISTICS

Cell Type	N-type Mono-Crystallin (18Busbar)
Quantity	120pcs in series (6*20)
Dimensions (mm)	2172*1303*33mm (85.51*51.30*1.30inches)
Weight	34.9kg (76.94lbs.)
Front Glass	2.0mm AR Coating Semi-tempered Glass
Back Glass	2.0mm Glazed Semi-tempered Glass
Frame	Anodized Aluminium Alloy
Protection	IP68, 3 Bypass Diodes
Wiring	4mm ² (IEC), 12AWG(UL) 350(+),280(-)mm in Length or Customized Length
Mounting	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITIONS

Operating Voltage	1500V/DC
Operating Temperature	-40°C~+85°C
Operating Current	35A
Class	Class
Front side Pressure	Front side 5400Pa, Back side 2400Pa
Humidity	80%±5%

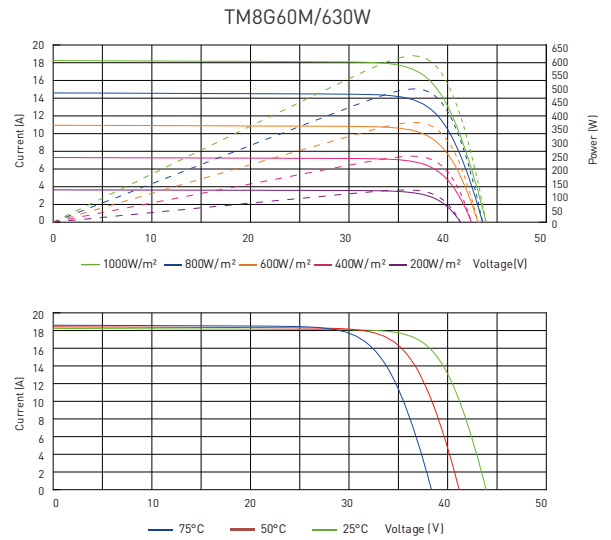
TEMPERATURE CHARACTERISTICS

V _{OC} Temperature Coefficient	-0.29%/°C
I _{SC} Temperature Coefficient	-0.24%/°C
V _{OC} at 1000W/m ² Temperature Coefficient	+0.043%/°C
Operating Temperature	43±2°C

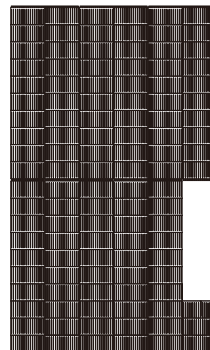
PACKING CONFIGURATION

Quantity per Tray	33	33(USA)
Quantity per Pallet	594	528

Electrical Performance



TECHNICAL DRAWINGS



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