



BISTAR

TP8F66M
TP8F66M(H) **132-cell**

650 - 670W

12BB Half-cut Mono Perc

KEY FEATURES

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

UL

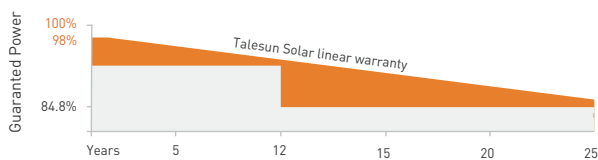


PERFORMANCE WARRANTY

12 Years
Quality Assurance

25 Years
Power Output Guarantee

Linear Performance Warranty



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* GL-EN-Ve | 2023.09.25

ELECTRICAL CHARACTERISTICS

Temperature (°C)	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (P _{max} /W)	650	492	655	495	660	499	665	503	670	507
Open Circuit Voltage (V _{oc} /V)	37.8	35.4	38.0	35.6	38.2	35.8	38.4	36.0	38.6	36.1
Open Circuit Current (I _{sc} /A)	17.20	13.88	17.24	13.91	17.28	13.95	17.32	13.99	17.36	14.02
Open Circuit Voltage (V _{oc} /V)	45.4	42.9	45.6	43.1	45.8	43.3	46.0	43.5	46.2	43.7
Short-Circuit Current (I _{sc} /A)	18.29	14.74	18.33	14.77	18.37	14.81	18.41	14.84	18.45	14.87
Module Efficiency (%)	20.90		21.10		21.30		21.40		21.60	

STC: Irradiance 1000W/m², Spectral Irradiance AM1.5, Module Temperature 25°C. Power Losses: 0, +5W, Temperature Coefficient of P_{max}: -0.33%
 NMOT: Irradiance 800W/m², Spectral Irradiance AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline Silicon (12Busbar)
Number of Cells	132pcs in series (6*22)
Module Dimensions	2384*1303*35mm (93.86*51.30*1.38inches)
Weight	34.5kg (76.06lbs.)
Front Glass	3.2mm AR Coating Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable	4mm ² (IEC), 12AWG(UL) 300mm in Length or Customized Length
Cell	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITIONS

Maximum System Voltage	1000V/1500V/DC
Operating Temperature	-40°C~+85°C
Maximum System Voltage	30A
Safety Protection Class	Class II
Mechanical Load (Front Side)	5400Pa
Mechanical Load (Back Side)	2400Pa

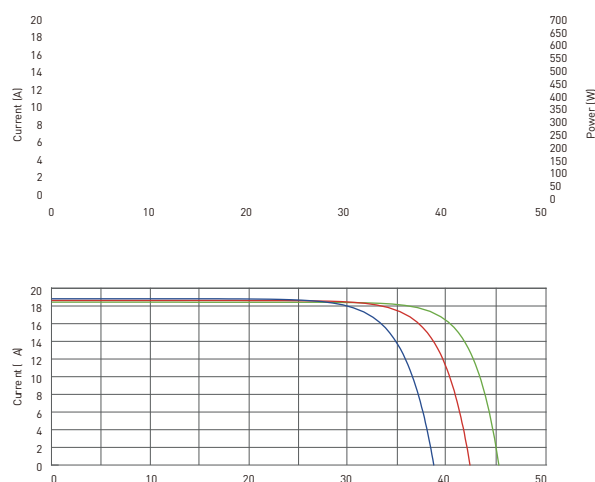
TEMPERATURE CHARACTERISTICS

Temperature Coefficient of P _{max}	-0.34%/°C
Temperature Coefficient of V _{oc}	-0.25%/°C
Temperature Coefficient of I _{sc}	+0.046%/°C
Nominal Module Operating Temperature (NMOT)	43±2°C

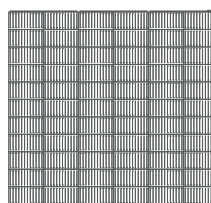
PACKING CONFIGURATION

Pieces per Pallet	31	31(USA)
Pieces per Container (40'HQ)	527	527

I-V CURVE



TECHNICAL DRAWINGS



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