



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

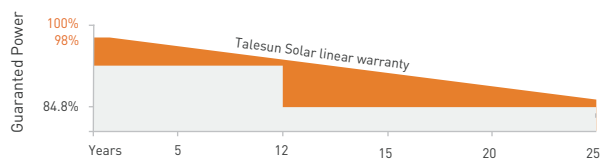


PERFORMANCE WARRANTY

12 Years
Quality Assurance

25 Years
Power Output Guarantee

Linear Performance Warranty



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ELECTRICAL CHARACTERISTICS

Temperature	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
Enclosure	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITIONS

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

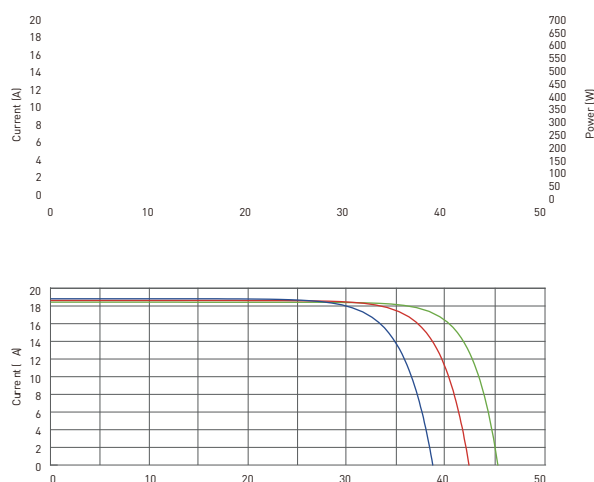
TEMPERATURE CHARACTERISTICS

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

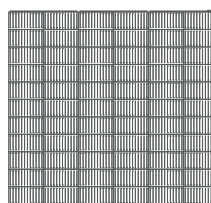
PACKING CONFIGURATION

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

I-V CURVE



TECHNICAL DRAWINGS



The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Suzhou Talesun Solar Technologies Co., Ltd. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.