



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

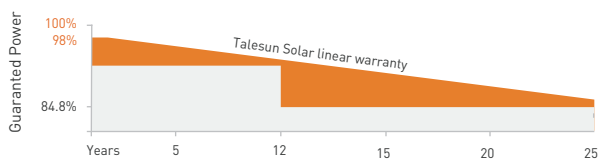


PERFORMANCE WARRANTY

12 Years
Quality Assurance

25 Years
Power Output Guarantee

Linear Performance Warranty



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* GL-EN-Ve | 2023.09.25

ELECTRICAL CHARACTERISTICS

Te i g C d i i	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Ma i m P e (Pma /W)	650	492	655	495	660	499	665	503	670	507
O e a i g V l a g e (Vm /V)	37.8	35.4	38.0	35.6	38.2	35.8	38.4	36.0	38.6	36.1
O e a i g C i e (Im /A)	17.20	13.88	17.24	13.91	17.28	13.95	17.32	13.99	17.36	14.02
O e -C i c i V l a g e (V c/V)	45.4	42.9	45.6	43.1	45.8	43.3	46.0	43.5	46.2	43.7
Sh -C i c i C i e (I c/A)	18.29	14.74	18.33	14.77	18.37	14.81	18.41	14.84	18.45	14.87
M d l e E f f i c i e c (%)	20.90		21.10		21.30		21.40		21.60	

STC: I adia ce 1000W/m², S ec a a AM1.5, M d l e Tem e a e 25°C. P e le a ce: 0, +5W, Te ce ai f Pma : 3%
 NMOT: I adia ce 800W/m², S ec a a AM1.5, Ambie Tem e a e 20°C, Wi d eed 1m/

MECHANICAL CHARACTERISTICS

Cell T e	Monocrystalline Silicon (12Busbar)
N . f Cell	132pcs in series (6*22)
M d l e Dime i	2384*1303*35mm (93.86*51.30*1.38inches)
Weigh	34.5kg (76.06lbs.)
F Gla	3.2mm AR Coating Tempered Glass
F ame	Anodized Aluminium Alloy
J c i B A	IP68, 3 Bypass Diodes
O Cable	4mm ² (IEC), 12AWG(UL) 300mm in Length or Customized Length
C ec	T01/LJQ-3-CSY/MC4/MC4-EV02

APPLICATION CONDITIONS

Ma i m S em V l a g e	1000V/1500V/DC
O e a i g Tem e a e	-40°C~+85°C
Ma i m S e i e F e	30A
Safe P ec i Cla	Class II
Mecha ical L ad (F ide)	5400Pa
Mecha ical L ad (Back ide)	2400Pa

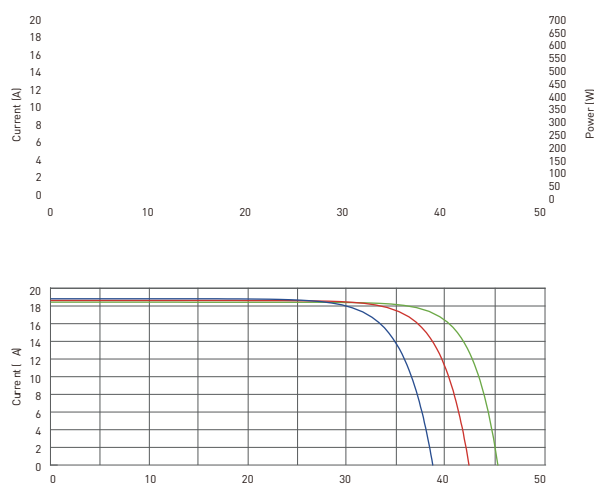
TEMPERATURE CHARACTERISTICS

Tem e a e C effi c i e f Pma	-0.34%/°C
Tem e a e C effi c i e f V c	-0.25%/°C
Tem e a e C effi c i e f I c	+0.046%/°C
N mi al M d l e O e a i g Tem e a e (NMOT)	43±2°C

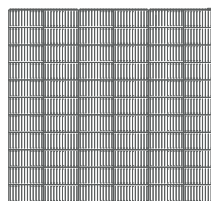
PACKING CONFIGURATION

Piece Pe Palle	31	31(USA)
Piece Pe C ai e (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.