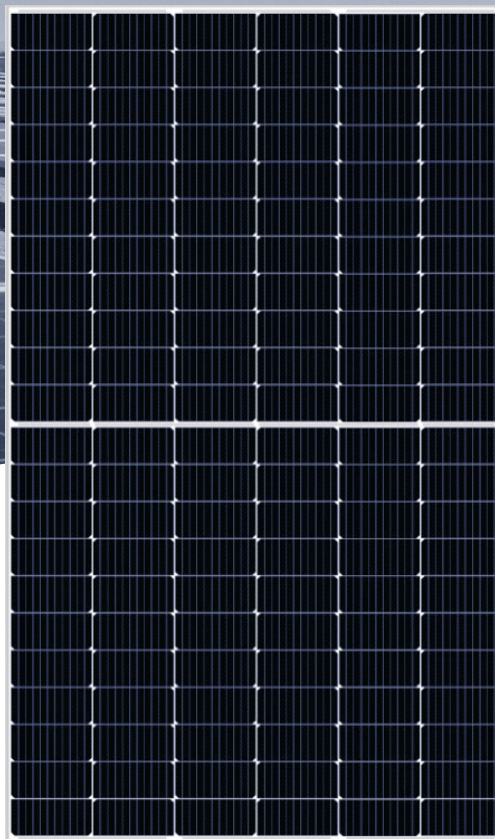




BLP7F72M

535W-550W



Key Specifications:



High output power



High transmissivity low-iron tempered glass,
strong aluminium frame



Long lifespan, easy installation, high wind &
hail impact resistance



100% A grade solar cell with positive tolerance
power range



Low voltage-temperature coefficient allows
higher power output at high-temperature condition

SYSTEM & PRODUCT CERTIFICATES

IEC 61215/IEC 61730 /UL 61730

ISO 9001: 2015 Quality Management System

ISO 14001:2015 Environment Management System

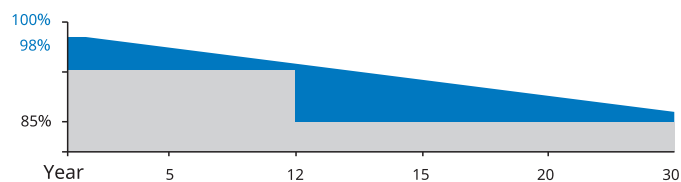
ISO 45001: 2018 Occupational Health and Safety
Management Systems

QUALIFICATIONS AND CERTIFICATES



CE / IEC61215 / IEC61730

WARRANTY



Guarantee on product material and
workmanship

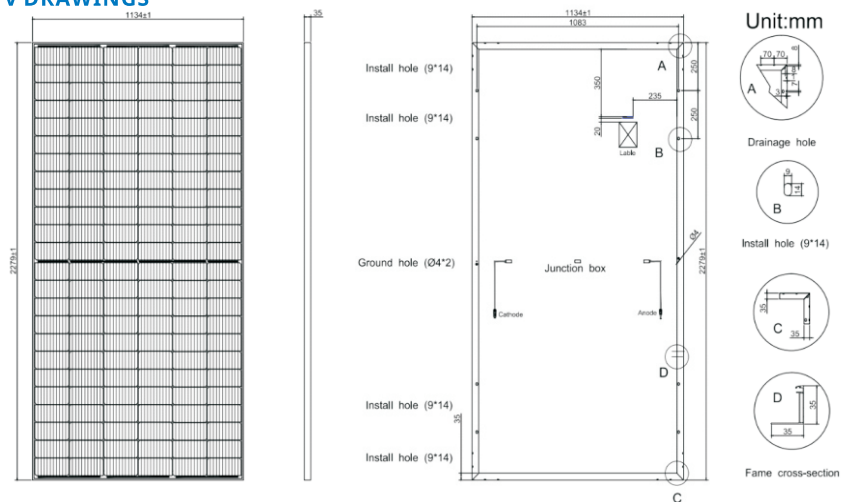


Linear Power output warranty

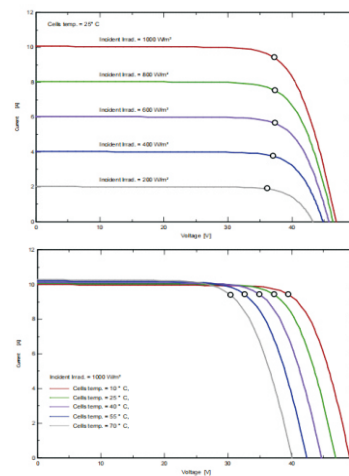
Bluesky

Bluesky Business GmbH
An der Strusbek 37
22926 Ahrensburg

PV DRAWINGS



IV CURVE



ELECTRICAL DATA (STC)

Model Type	BLP7F72M-535W	BLP7F72M-540W	BLP7F72M-545W	BLP7F72M-550W
Peak Power (Pmax)	535.00	540.00	545.00	550.00
Maximum Power Voltage (Vmp)	41.61	41.76	41.93	42.11
Maximum Power Current (Imp)	12.86	12.94	13.00	13.07
Open Circuit Voltage (Voc)	49.50±3%	49.70±3%	49.90±3%	50.1±3%
Short Circuit Current (Isc)	13.74±3%	13.83±3%	13.92±3%	14.01±3%
Module Efficiency (%)	20.71	20.91	21.10	21.30

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

ELECTRICAL DATA (NOCT)

Peak Power (Pmax)	397.70	401.40	405.10	408.00
Maximum Power Voltage (Vmp)	38.62	38.78	38.93	39.09
Maximum Power Current (Imp)	10.30	10.35	10.41	10.46
Open Circuit Voltage (Voc)	46.36±3%	46.54±3%	46.73±3%	46.92±3%
Short Circuit Current (Isc)	10.97±3%	11.05±3%	11.13±3%	11.2±3%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 182*182mm
No. of Cells	144(6x24)
Dimensions	2279*1134*35mm
Weight	27.2kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500V
Maximum Series Fuse Rating (A)	25A
Power Tolerance	0~+5W
Pmax Temperature Coefficients (W/°C)	-0.350%
Voc Temperature Coefficients (V/°C)	-0.250%
Isc Temperature Coefficients (A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature (°C)	45±2°C
Operating and Storage Temperature (°C)	-40~+85°C

PACKING WAY

20FT	10 Packages/275PCS
40HQ	20 Packages/620PCS

PARTNER SECTION



Bluesky

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22926 Ahrensburg