

BRUK-BET[®] FOTOWOLTAIKA

BEM-330 W

 **EXTREME**



12 YEARS PRODUCT WARRANTY



25 YEARS LINEAR PERFORMANCE WARRANTY



100% ELECTROLUMINESCENCE INSPECTION



POSITIVE POWER TOLERANCE



ANTIREFLECTIVE COATING



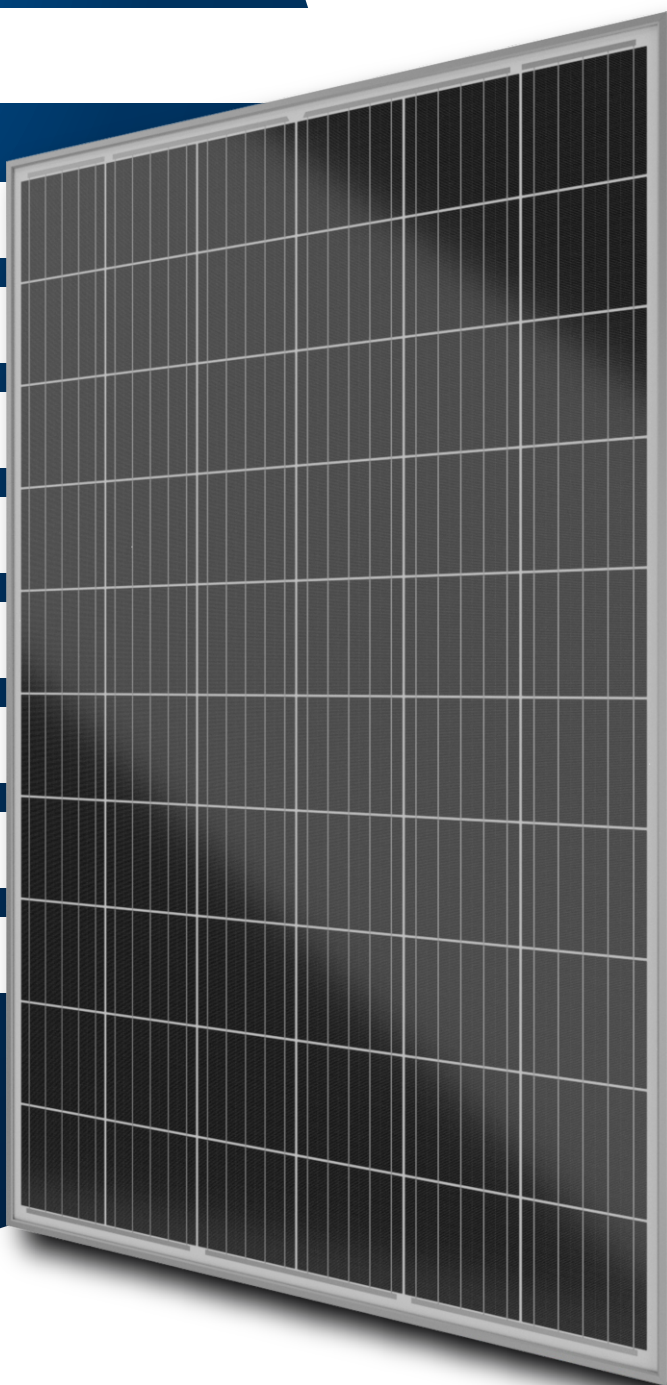
SNOW LOAD 8100 Pa



EXTREME HAIL ENDURANCE



WIND LOAD 5400 Pa



Fire resistance certificate

ELECTRICAL PARAMETERS STC	330
Nominal power [Wp]	330
Short-circuit current [A]	10,01
Nominal current [A]	9,51
Open circuit voltage [V]	40,78
Nominal voltage [V]	34,69
Efficiency [%]	19,73

STC: Irradiance 1000 W/m², Air mass 1.5 AM, Cells temperature 25 °C. Measurement tolerance STC ± 2 %.

ELECTRICAL PARAMETERS NOMT	330
Nominal power [Wp]	248,2
Short-circuit current [A]	8,08
Nominal current [A]	7,64
Open circuit voltage [V]	38,47
Nominal voltage [V]	32,48

NOMT : Irradiance 800 W/m², Air mass 1.5 AM, Ambient temperature 20 °C, Wind speed 1 m/s. Measurement tolerance NOMT ± 5 %.

ELECTRICAL PARAMETERS LIC	330
Nominal power [Wp]	63,7

LIC: Irradiance 200 W/m², Air mass 1.5 AM, Cells temperature 25 °C. Measurement tolerance LIC ± 5 %.

APPLICATION PARAMETERS	330
Power tolerance	0/+4,99 Wp
Safety class	II
Maximum system voltage	1000/1500 VDC
Operating temperature	-40 / +85 °C
Reverse current protection	22 A

TEMPERATURE PARAMETERS	330
NOMT (800 W/M.², 1.5 AM, 20 °C, 1 m/s)	42.7 °C
Current temperature coeff.	0,045 %/°C
Voltage temperature coeff.	-0,276 %/°C
Power temperature coeff.	-0,36 %/°C

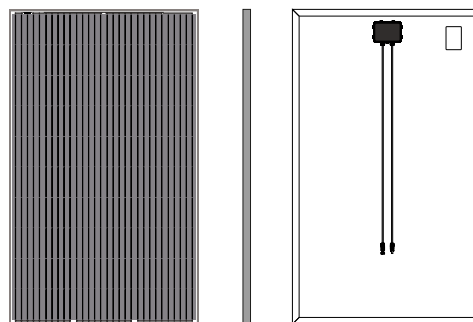
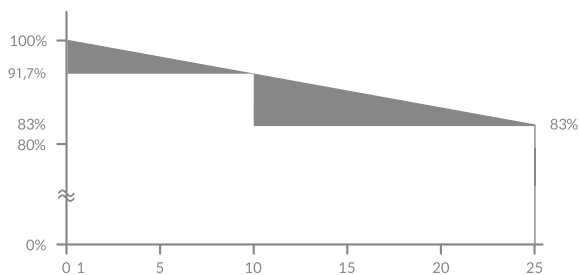
CERTIFICATES	330
Terrestrial photovoltaic (PV) modules	IEC 61215 : 2016
Photovoltaic (PV) module safety qualification	IEC 61730 : 2016
Snow load (front) IEC 61730-2 : 2016	8100 Pa (825 kg/m ²)
Wind load (back) IEC 61730-2 : 2016	5400 Pa (550 kg/m ²)
Hail IEC 61215 : 2016	φ = 55 mm, V=33,9 m/s
Firetest IEC 61730 : 2016	C Class

MECHANICAL PARAMETERS	330
Length [mm]	1665
Width [mm]	1005
Height [mm]	40
Weight [kg]	18,7

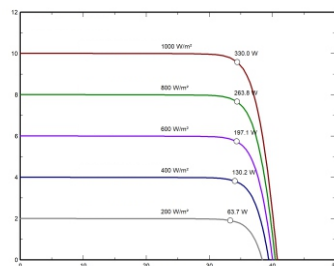
COMPOSITION	330
Front glass	3,2 mm, Tempered
Encapsulant	EVA Film
Frame	Anodized aluminium, Silver
Cells	Monocrystalline 5 BB
Quantity	60 (6x10)
Junction box	IP67, 3 by-pass diodes
Cables	2 x 1100 mm, φ = 4 mm ²
Connectors	MC4 compatible, IP68

PAKOWANIE	330
Packing system	Cartoon 1,8 x 1,2 x 1,2 m
Quantity	26 Pcs/Pallet
Transport	30 Pallet/TIR

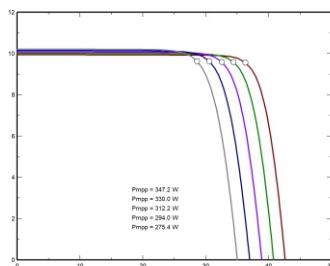
LINEAR POWER WARRANTY



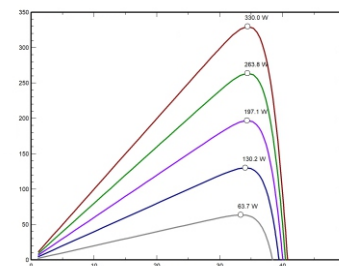
CURRENT/VOLTAGE



CURRENT/VOLTAGE



POWER/VOLTAGE



BRUK-BET FOTOWOLTAIKA reserves the right to change specifications without notice. This datasheet complies with requirements of EN 50380.