

BRUK-BET[®] SOLAR

BEM 250Wp



25 year linear performance warranty



100 % electroluminescence inspection



Guaranteed positive power tolerance



Maximum 5400 Pa snow load



IP67 junction box available, long-term weather endurance



Innovative solution: anti-reflective coating for high sunlight absorption



Potential Induced Degradation FREE



High quality components



packing system to avoid micro cracks

IRRADIANCE DEPENDENCE

[W/m ²]	1000	800	600	400
Isc	0%	-19,6%	-39,5%	-59,2%
Voc	0%	-1,38%	-3,05%	-5,90%

STC 1000 W/m², 25 °C, AM 1,5

ELECTRICAL CHARACTERISTICS

Maximum power [Pmax]	250
Cells	Monocrystalline Si
Size	156 x 156 mm
Nr of cells	60
Short circuit current [Isc]	8,8
Open circuit voltage [Voc]	37,9
Maximum power current [Imax]	8,28
Maximum power voltage [Vmax]	30,25
Module efficiency	15,40 %
Maximum system voltage	1000 V DC
Tolerance	0 +4,99
Temperature coefficient current TcI	+0,03 %/°C
Temperature coefficient voltage TcV	-0,32 %/°C
Power temperature coefficient TcP	-0,39 %/°C
NOCT(800 W/m ² , 20°C, AM 1.5, 1m/s)	43 °C

QUALIFICATION TEST PARAMETERS

Maximum load	IEC 5400 Pa
Application class	A

PHYSICAL CHARACTERISTICS

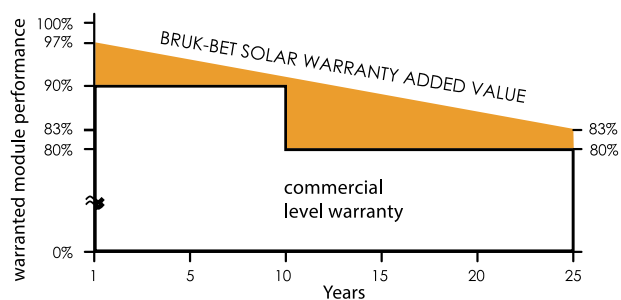
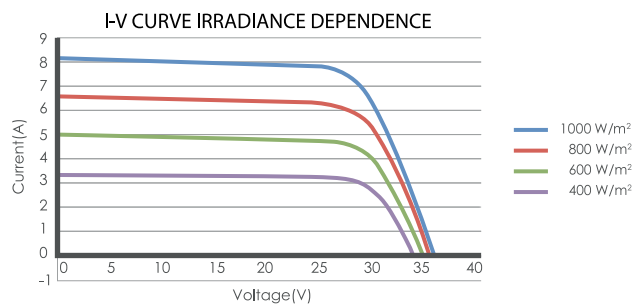
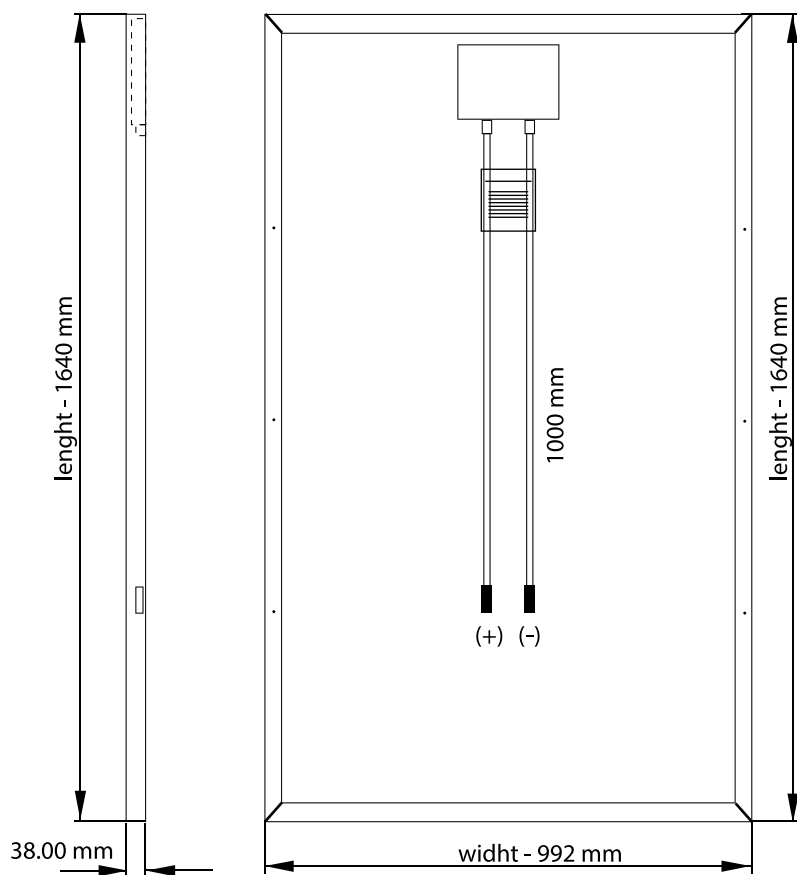
Length	1640 mm
Width	992 mm
Thickness	38 mm
Weight	18 kg
Junction box	IP 65




Salt water mist
resistance certificate


Ammonia
resistance certificate


Fire resistance certificate



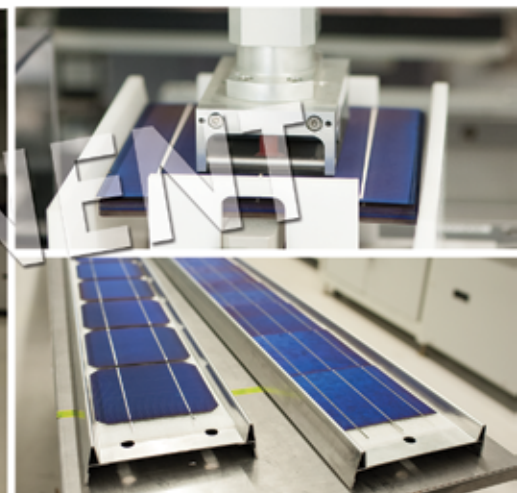
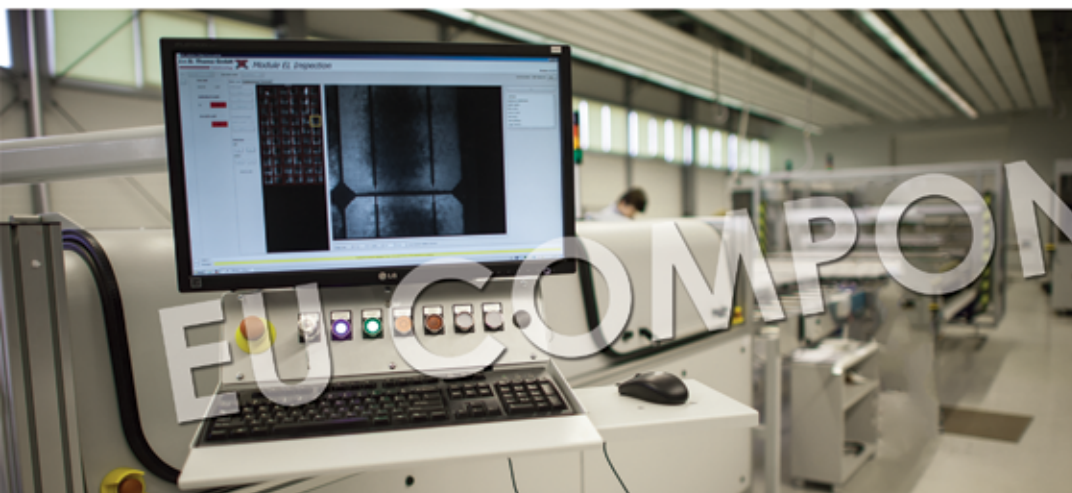
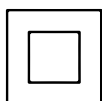
AVAILABLE COLORS

TERRACOTTA

WHITE

TRANSPARENT

BLACK



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