













BEM 280Wp

-  25 year linear performance warranty
-  100 % electroluminescence inspection
-  Guaranteed positive power tolerance
-  Maximum 8000 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]	280
Cells	Monocrystalline Si
Size	156 x 156 mm
Nr of cells	60
Short circuit current [Isc]	9,40
Open circuit voltage [Voc]	39,20
Maximum power current [Imax]	8,90
Maximum power voltage [Vmax]	31,47
Module efficiency	17,22 %
Maximum system voltage	1000 V DC
Tolerance	0 +4,99
Temperature coefficient current TcI	+0,03 %/°C
Temperature coefficient voltage TcV	-0,30 %/°C
Power temperature coefficient TcP	-0,39 %/°C
NOCT(800 W/m ² , 20°C, AM 1.5, 1m/s)	43 °C

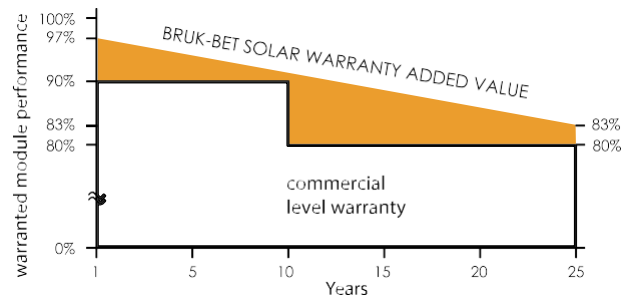
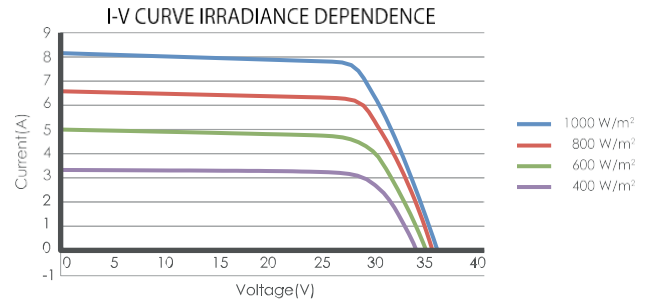
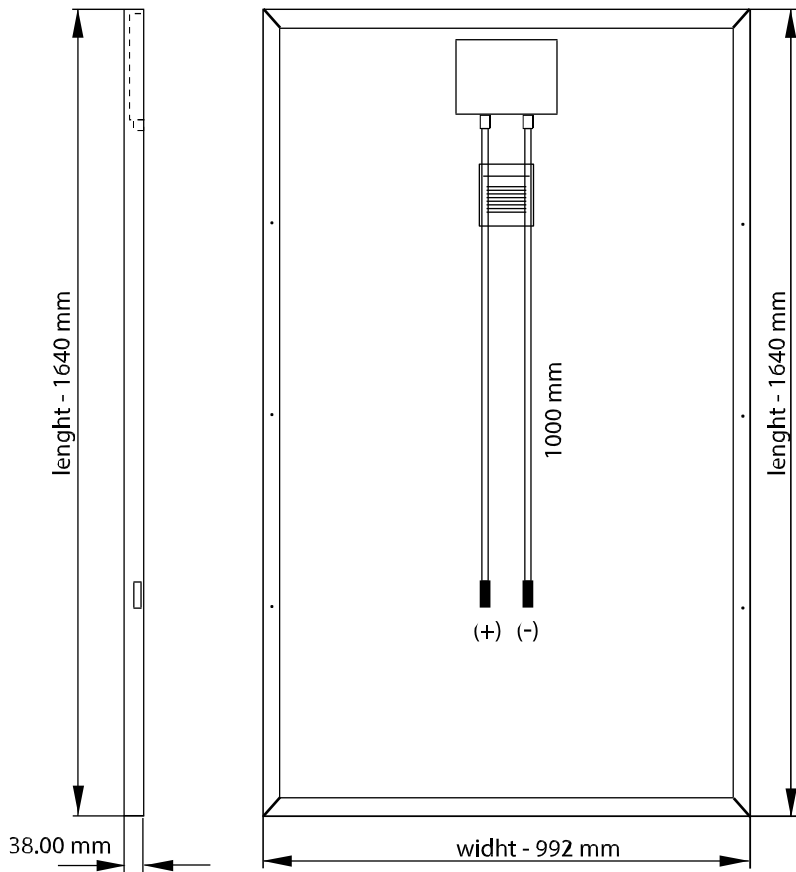
QUALIFICATION TEST PARAMETERS

Maximum load	IEC 8000 Pa
Application class	A

PHYSICAL CHARACTERISTICS

Length	1640 mm
Width	992 mm
Thickness	40 mm
Weight	18 kg
Junction box	IP 67





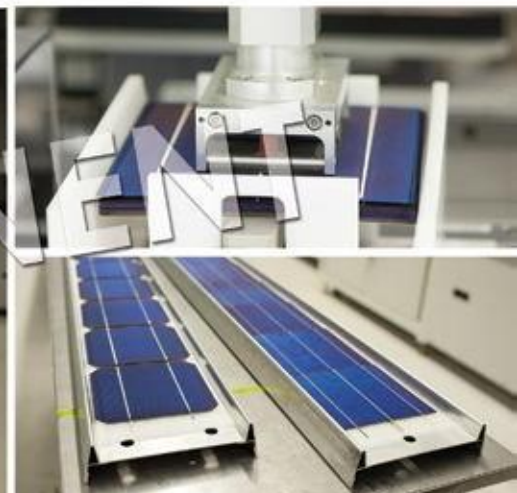
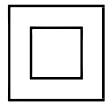
AVAILABLE COLORS

TERRACOTTA

WHITE

TRANSPARENT

BLACK



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