

Photovoltaic Module Solet M60.6 – BF – 255/285

Monocrystalline module family



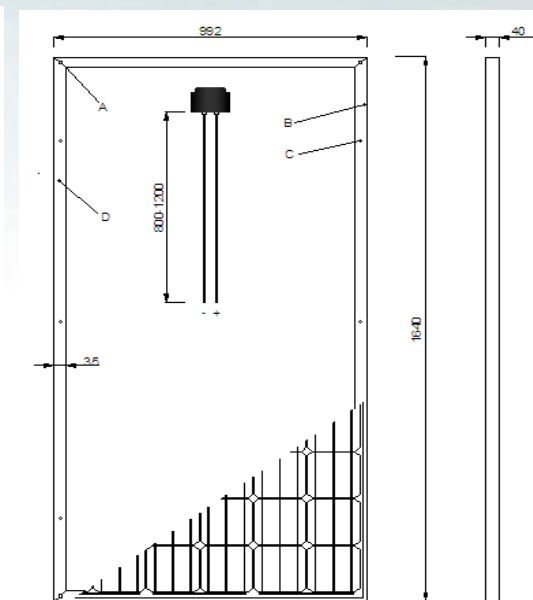
Electrical Parameters

Type	Solet M60.6–255	Solet M60.6–260	Solet M60.6–265	Solet M60.6–270	Solet M60.6–275	Solet M60.6–280	Solet M60.6–285
Maximum Power* (PMPP)	255.1 – 260.0 Wp	260.1 – 265.0 Wp	265.1 – 270.0 Wp	270.1 – 275.0 Wp	275.1 – 280.0 Wp	280.1 – 285.0 Wp	285.1 – 290.0 Wp
Rated Voltage (VMPP)	31,8 V	32,2 V	32,4 V	32,4 V	32,58 V	32,64 V	32,7 V
Rated Current (IMPP)	8,1 A	8,2 A	8,3 A	8,5 A	8,68 A	8,71 A	8,75 A
Open Circuit Voltage (VOC)	37,8 V	37,9 V	38,0 V	38,1 V	38,4 V	38,4 V	38,5 V
Short Circuit Current (ISC)	8,7 A	8,8 A	8,9 A	9,0 A	9,18 A	9,21 A	9,25 A
Power tolerance	0+3 %						

* Irradiance 1000 W/m², module temperature 25°C, spectrum at air-mass AM 1.5

Specifications

Cell size	156x156 mm
Number of cells	6x10, three strings in a row
Front side glass	3,2 mm hardened solar glass
Weight	19 kg
Dimensions (LxWxH)	1640x992x40mm (42 mm)
J-box	Plastic, IP65, ventilated
Cable length	0,8-1,1 m
Cable cross section size	4 mm ²
Number of diodes	3
Plug-in connection	MC4 or equivalent
Frame	Anodised Al frame (black)
Packing configuration	25 pcs./pallet



A: Drainage ; B: Ventilation;
C: Mountingholes ; D: Earthing

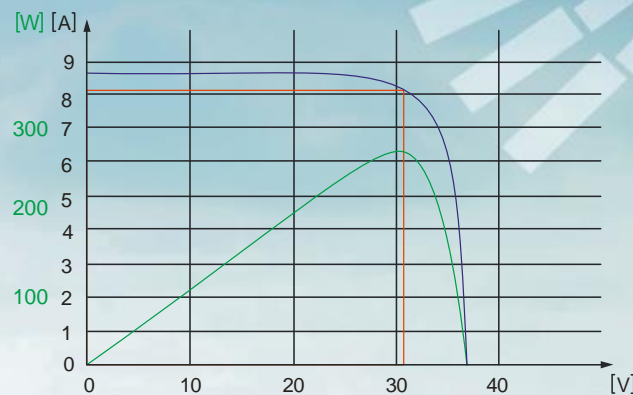
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Working Conditions

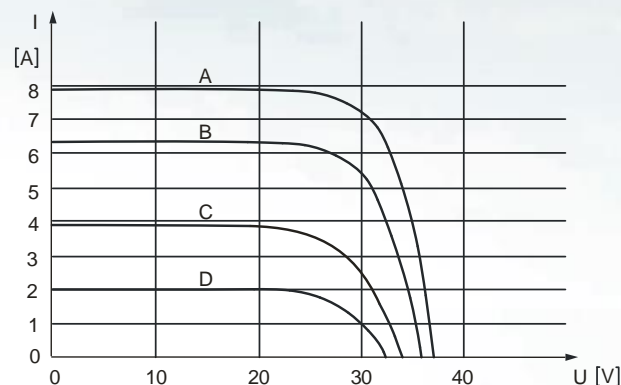
Maximum System Voltage	DC 1000V (TUV)
Operating temperature	-40°C / +85°C
Maximum reverse current	15 A
Max. wind load/max. snow load	2400 Pa / 5400 Pa
IP protection level	65
Safety class	II

Temperature Coefficients

Voltage temperature coefficient (β)	-0,36 %/K
Current temperature coefficient (α)	+0,034 %/K
Power temperature coefficient (δ)	-0,46 %/K



Characteristics



A: 1000 W / m² |
 B: 800 W / m² |
 C: 600 W / m² |
 D: 450 W / m² |
 E: 200 W / m²

Module guarantee

Module performance guarantee



12 years



90 % max output



80 % max output



IEC 61215
 IEC 61730

