

Photovoltaic Module Solet M60.6-BF-280/300

Monocrystalline module family

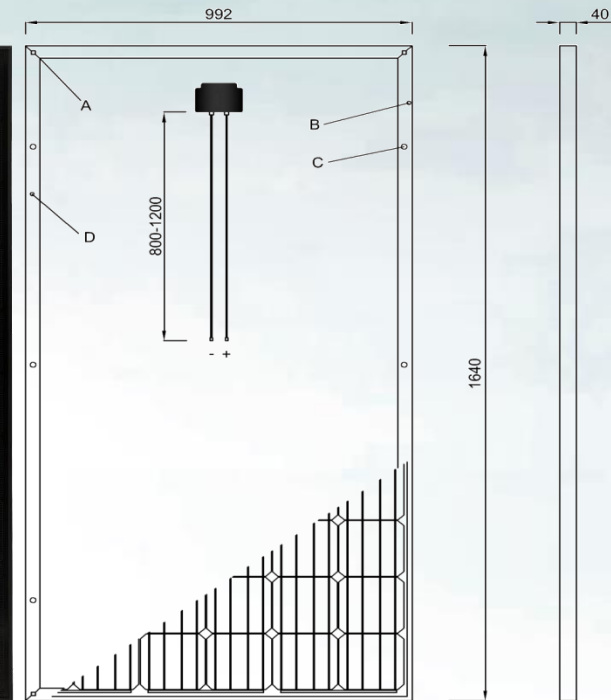
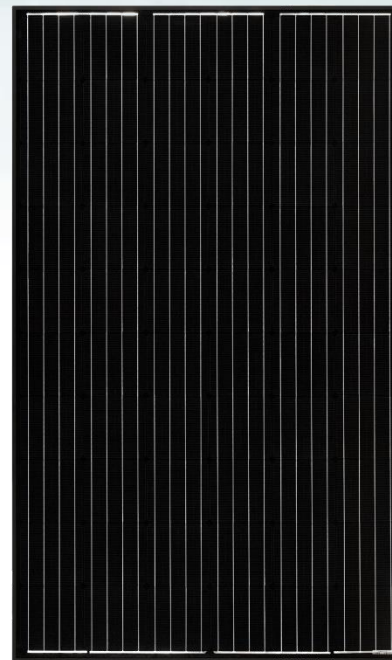
Electrical Parameters

Type	Solet M60.6–280	Solet M60.6–290	Solet M60.6–295	Solet M60.6–300
Maximum Power* (PMPP)	280.1 – 285.0 Wp	290.1 – 295.0 Wp	295.1 – 300.0 Wp	300.1 – 305.0 Wp
Rated Voltage (UMPP)	30,84 V	31,89 V	31,95 V	32,25 V
Rated Current (IMPP)	9,10 A	9,24 A	9,26 A	9,30 A
Open Circuit Voltage (UOC)	38,40 V	39,40 V	39,48 V	39,54 V
Short Circuit Current (ISC)	9,21 A	9,85 A	9,87 A	9,90 A
Power tolerance	0+5Wp	0+5Wp	0+5Wp	0+5Wp

* 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	18,2 kg
Dimensions (LxWxH)	1640x992x35 mm
J-box	Plastic, IP65, ventilated
Cable length	1,0 m
Cable cross section size	4 mm ²
Number of diodes	3
Plug-in connection	MC4 or equivalent
Frame	Anodized Al frame
Packing configuration	30 pcs./pallet



A: Drainage;
B: Ventilation;
C: Mounting holes; D: Earthing

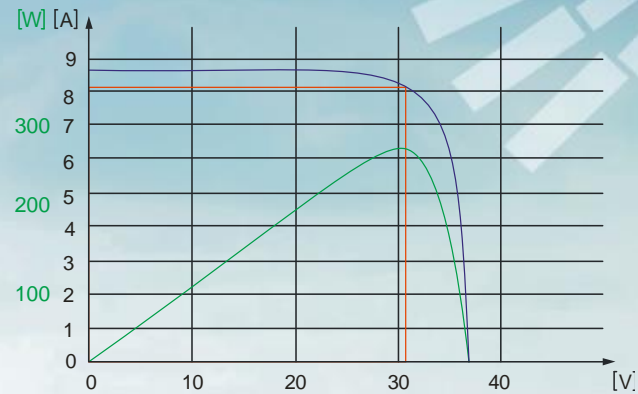
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Working Conditions

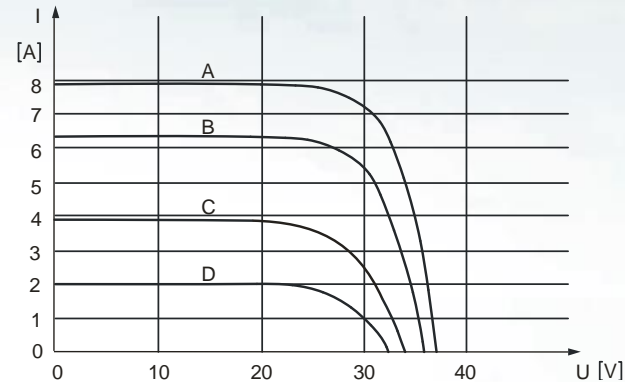
Maximum System Voltage	DC 1000V (TUV)
Operating temperature	-40°C / +85°C
Maximum reverse current	15 A
Max. wind load/max. snow load	2400 Pa / 5400 Pa
IP protection level	65
Safety class	II

Temperature Coefficients

Voltage temperature coefficient (β)	-0,360 %/K
Current temperature coefficient (α)	+0,034 %/K
Power temperature coefficient (δ)	-0,460 %/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



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