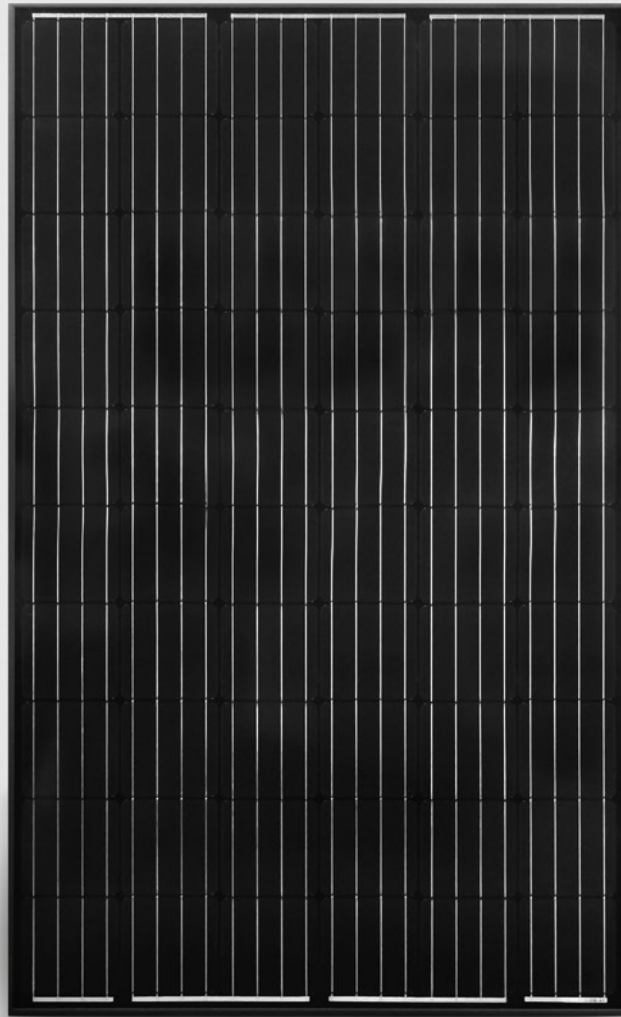


8.33 IS ALWAYS MORE



300W CONCENTRATED POWER

MORE POWER, SAME SPACE, MORE EFFICIENT.

833 MONOCRYSTALLINE PREMIUM RANGE

300 WATT 60 CELLS

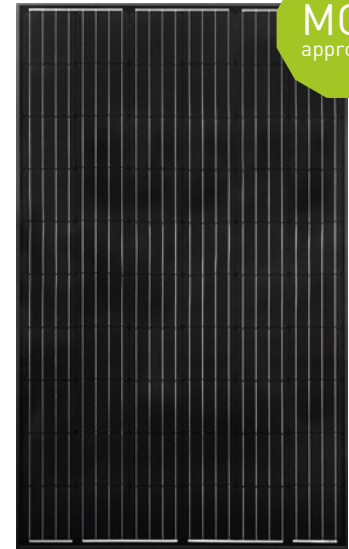
Electrical Parameters

STC ¹



P _{max}	300
Maximum Power Voltage V _{mpp} (V)	32.54
Maximum Power Current -I _{MPP} (A)	9.22
Open Circuit Voltage - V _{oc} (V)	40.24
Short Circuit Current - I _{sc} (A)	9.61
Module Efficiency η (%)	18.44%
Maximum Power Tolerance	+5W

STC ¹ = Irradiance of 1000 W/m², solar spectrum of AM 1.5, module temperature 25°C



MCS
approved

General Characteristics



Dimensions (mm)	1640 x 992 x 35
Cell Type / Matrix	Mono 156 x 156 mm / 60 (6x10)
Weight	18 Kg
Frame	Anodized aluminium alloy, black
Operating Temperature	-40°C to +85°C
Junction Box / No. of Diodes	IP67 / 3
Cable Length / Section	1200 mm / 4 mm
Maximum Series Fuse	15A
Front Glass	3.2 mm tempered glass
Wind / Snow Load	5400 / 2400 Pa
Connectors	MC4 compatible
Maximum System Voltage	DC 1000V (IEC)

Temperature Coefficients



Nominal Operating Cell Temp. (NOCT)	44°C ±2°C
Temp. Coefficient of P _{MAX}	-0.390 %/°C
Temp. Coefficient of I _{sc}	+0.050 %/°C
Temp. Coefficient of U _{oc}	-0.290 %/°C

Warranty Information

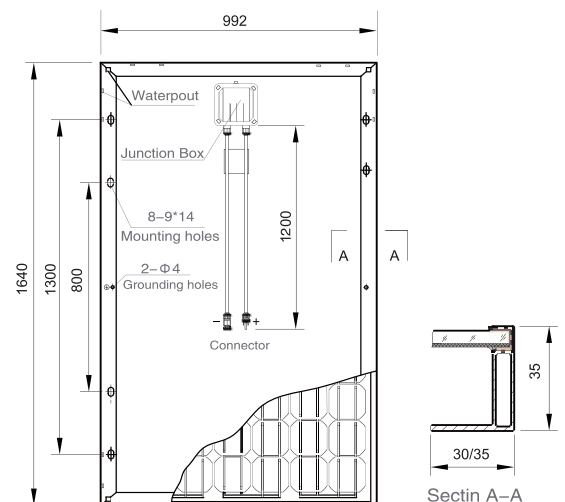
25 year power output warranty
12 year product warranty

Min 90% within 10 years
Min 80% within 25 years

Accreditations and Memberships



Engineering Drawing



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