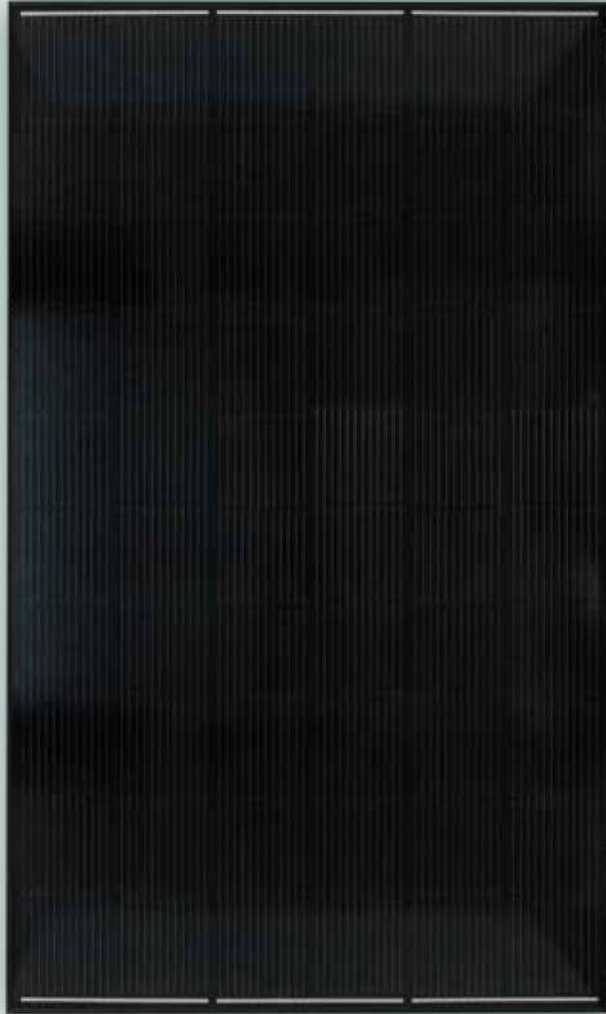


8.33 IS ALWAYS MORE



310 WATTS 60 CELLS CONCENTRATED POWER

MORE POWER, SAME SPACE, MORE EFFICIENT.

SERIE HALF CELL 833 SOLAR

8.310M. MONOCRYSTALLINE 310 WATTS 60 CELLS

Electrical Parameters **Stc¹** **Noct²**

P _{max}	310	231.00
Maximum Power Voltage V _{MPP} [V]	33.10	30.9
Maximum Power Current - I _{MPP} [A]	9.37	7.49
Open Circuit Voltage - V _{OC} [V]	40.20	37.50
Short Circuit Current - I _{SC} [A]	9.91	7.91
Module Efficiency [%]	18.9%	
Maximum Power Tolerance	0 ~ +10W	

STC¹ = Irradiance of 1000 W/m², solar spectrum of AM 1.5, module temperature 25°C
NOCT² = Irradiance of 800 W/m², solar spectrum of AM 1.5, ambient temperature 20°C, wind speed 1m/s.

General Characteristics

Dimensions [mm]	1650x 992 x 35
Cell Type / Matrix	Mono 156.75x 156.75mm / 60 (6x10)
Weight	18.0Kg
Frame	Anodized aluminium alloy, black
Operating Temperature	-40°C to +85°C
Junction Box / No. of Diodes	IP67 / 3
Cable Length / Section	1000 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]

Warranty Information

30 year power output warranty	Min 90% writhin 10 years
12 year product warranty	Min 80% writhin 25 yerars
0.68% Annual Degradation over 25 years	

Accreditations and Memberships



Spain - Head Office

Molina de Segura 5
 Bloque 1 30007 Murcia
 España

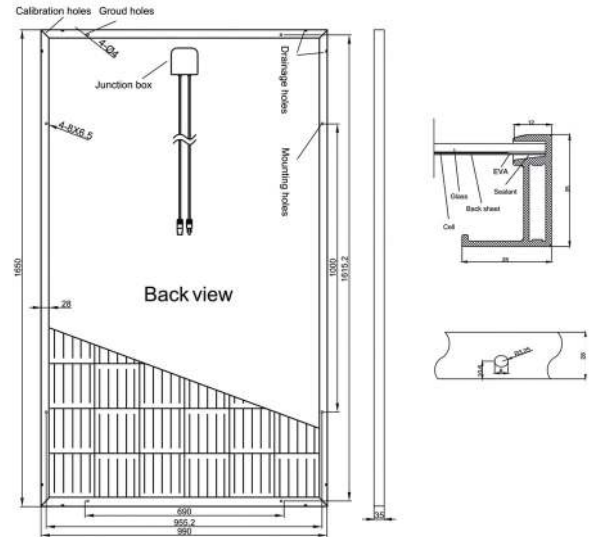
Tel/Fax: +34 868 076 098
 Info@sunconnection.eu
 info@833solar.com
 www.833solar.com

China - Office Douda

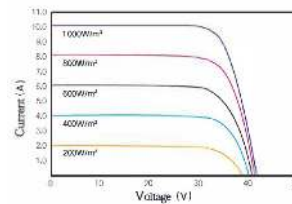
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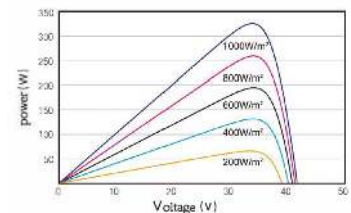
Electrical Parameters



Current-Voltage Curve



Power-Voltage Curve



Packaging Information

Packing Type	40'HQ
Piece/Box	30
Piece/Container	840

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