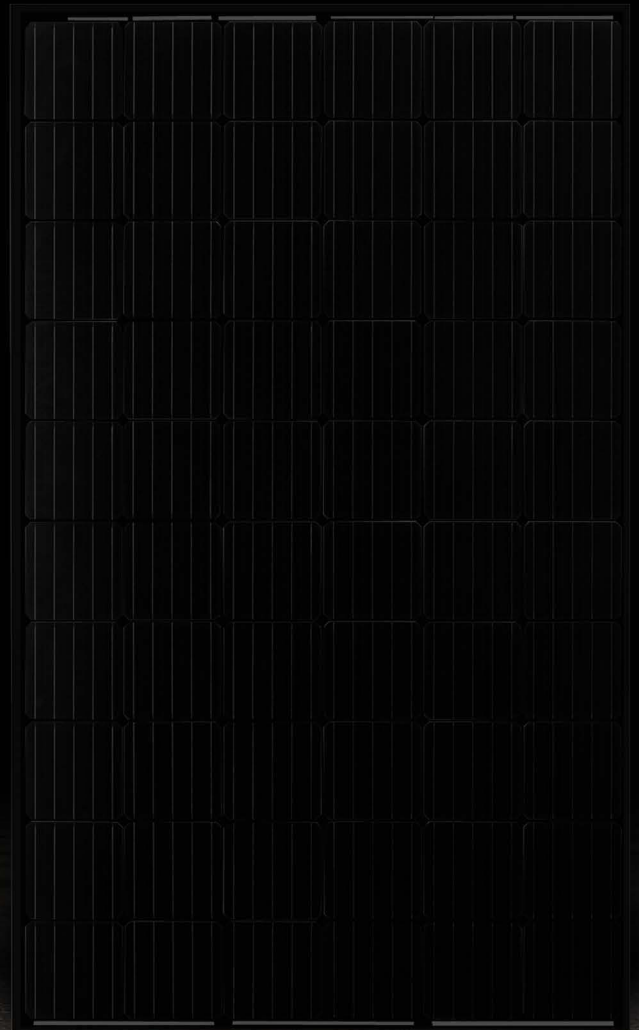
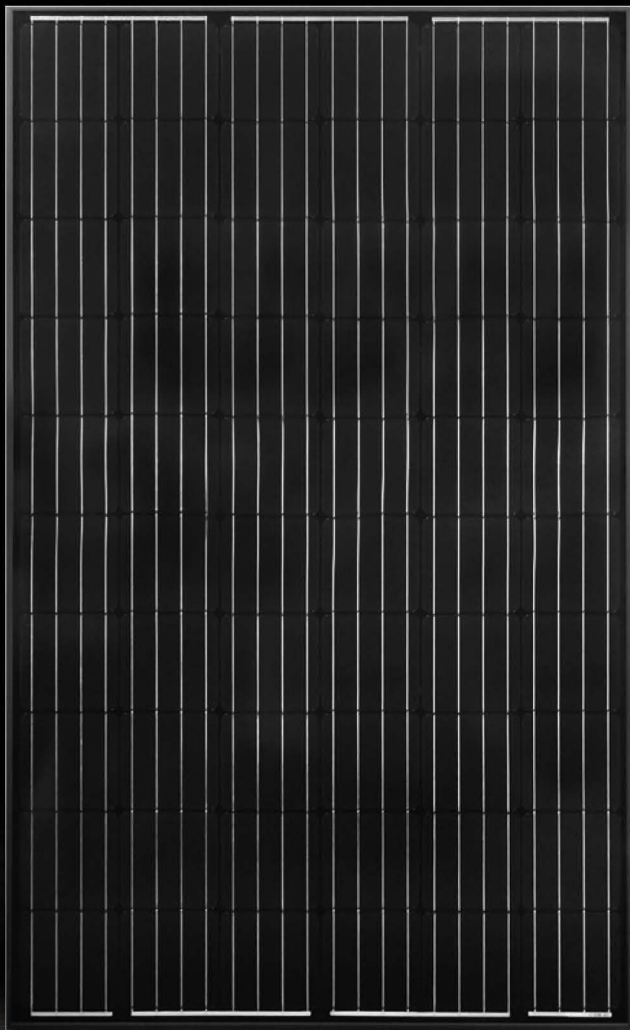


8•33® IS ALWAYS **MORE**

NEW 833SOLAR 330W



ULTRABLACK

MORE POWER, SAME SPACE, MORE EFFICIENT

8•33®



ETERNITY ULTRA BLACK PREMIUM RANGE

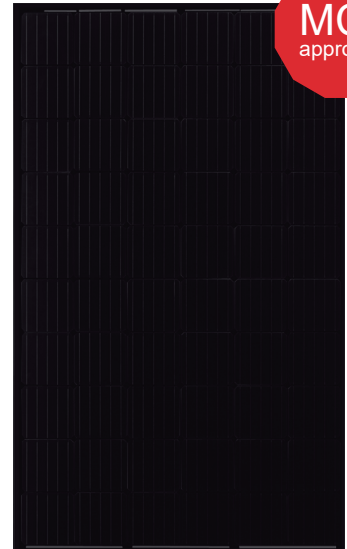
330 WATT 60 CELLS

Electrical Parameters

	STC ¹	NOCT ²
P _{max}	330	245
Maximum Power Voltage V _{mpp} (V)	32.67	31.8
Maximum Power Current - I _{MPP} (A)	9.49	7.77
Open Circuit Voltage - V _{oc} (V)	40.08	37.20
Short Circuit Current - I _{sc} (A)	9.49	8.59
Module Efficiency η (%)	20.01%	
Maximum Power Tolerance	0 ~ +5W	

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

NOCT ² = Irradiance of 800 W/m², solar spectrum of AM 1.5, ambient temperature 20°C, wind speed 1m/s.



General Characteristics

Dimensions (mm)	1650 x 992 x 35/30
Cell Type / Matrix	Mono 156.75 x 156.75 mm / 60 (6x10)
Weight	18.6 Kg
Frame	Anodized aluminium alloy, black
Operating Temperature	-40°C to +85°C
Junction Box / No. of Diodes	IP67 / 3
Cable Length / Section	900 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% within 10 years
12 year product warranty	Min 80% within 30 years

Accreditations and Memberships



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Temperature Coefficients

Nominal Operating Cell Temp. (NOCT)	45°C ±2°C
Temp. Coefficient of P _{MAX}	-(0.43+0.5)%/°C
Temp. Coefficient of I _{sc}	+0.04+0.015 %/°C
Temp. Coefficient of U _{oc}	-0.325+0.1) %/°C

Engineering Drawing

