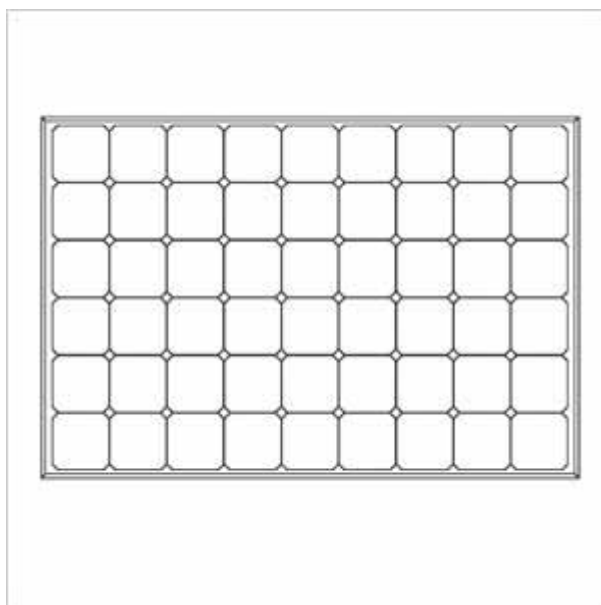


Monocrystalline Silicon



EQS200D-18

EQS200D-18 EQS200D-18 EQS190D-18 EQS180D-18 EQS170D-18

3 years warranty on material and workmanship

Power output >90% in 10 years

Power output >80% in 25 years

In accordance with IEC 61215

In accordance with Safety Class

CE/ISO14004/ISO9001

Solar Modules EQS200D-18 EQS200D-18 EQS190D-18 EQS180D-18 EQS170D-18

Monocrystalline Silicon: Specifications

Cell	Monocrystalline silicon solar cells 150 × 150mm
No. of cells and connections	54 (6 × 9)
Dimension of module (mm)	1482 × 992 × 42
Weight	17.5kg

Monocrystalline Silicon: Characteristics

Model	EQS200D-18	EQS190D-18	EQS180D-18	EQS170D-18
Open circuit voltage (Voc)	33.2V	33.0V	32.8V	32.6V
Optimum operating voltage (Vmp)	26.6V	26.4V	26.2V	26.0V
Short circuit current (Isc)	7.72A	7.62A	7.52A	7.39A
Optimum operation current (Imp)	7.52A	7.2A	6.87A	6.54A
Maximum Power at STC (Pm)	200Wp	190Wp	180Wp	170Wp

Monocrystalline Silicon: STC: Irradiance 1000W/m², Module temperature 25 °C, AM=1.5

Monocrystalline Silicon:Limits

Operating temperature	-40 to +85
Maximum system voltage	1000 V DC

Monocrystalline Silicon:Temperature and Coefficients

NOCT	47
Current temperature coefficient	$(0.065 \pm 0.015)\%/mA/$
Voltage temperature coefficient	- 0.38% $mV/$
Power temperature coefficient	- $(0.5 \pm 0.05)\%/$

Monocrystalline Silicon:NOCT:Nominal Operation Cell temperature

Monocrystalline Silicon:Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm ²)
Asymmetrical lengths	900mm(-),900mm(+)
Connection	MC4