

Monocrystalline Silicon



EQS175D-24

EQS260D-24 EQS270D-24 EQS260D-24 EQS250D-24 EQS240D-24 EQS230D-24

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 EQS260D-24 EQS270D-24 EQS260D-24 EQS250D-24 EQS240D-24

EQS230D-24

Monocrystalline Silicon: Specifications

Cell	Monocrystalline silicon solar cells 156 × 156mm
No. of cells and connections	72 (6 × 12)
Dimension of module (mm)	1956 × 992 × 50
Weight	23kg

Monocrystalline Silicon: Characteristics

Model	EQS280D-24	EQS270D-24	EQS260D-24	EQS250D-24	EQS240D-24
Open circuit voltage (Voc)	44.1V	43.8V	43.6V	43.2V	43.2V
Optimum operating voltage (Vmp)	35.3V	35.3V	34.9V	34.4V	34.3V
Short circuit current (Isc)	8.31A	8.1A	7.9A	7.82A	7.7A
Optimum operation current (Imp)	7.39A	7.65A	7.45A	7.27A	7.00A

Maximum Power at STC(P_m)	280Wp	270Wp	260Wp	250Wp	240Wp
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Monocrystalline Silicon:STC:Irradiance 1000W/m²,Module temperature 25 ,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	(0.06 5 ± 0.015)%mA/
Voltage temperature coefficient	- 0.38%mV/
Power temperature coefficient	- (0.5 ± 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	1200mm(-),1200mm(+)
Connection	MC4