

PV modules from

ATMOSFERA®



Multicrystalline PV modules
75% lighter than any conventional glass module
Positive tolerance 0-7%
10% cheaper than any conventional glass module
4 times harder than glass

Certifications:



Remedia
Passione per l'ambiente

Technologies:



QLX / QSS / QS-240W

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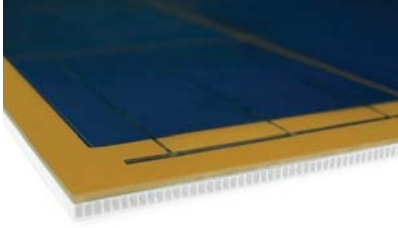
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QLX series



The revolutionary Xtreme light PV modules. These modules are encapsulated and protected using Spraytek99 technology offering higher protection than glass and EVA. The QLX series PV modules is by far the lightest panel in the world, 70% lighter than any conventional modules. The modules incorporates lccells technology with air circulating cooling dusts behind the cells so the panel runs much cooler than any other standard module. And with high quality custom made silver tab ribbons it eliminates resistive losses. These modules is not only an Xtremely light modules, it is unbreakable and salt protected.

Model	QS 240W	QS 270W	QS 350W	QS 450W	QS 500W
Power, W	240	270	350	450	500
Efficiency, %	14,3	15,2	16,8	15,5	16,2
Open circuit voltage, Voc (V)	36,7	39,7	48,9	60,2	69,8
Short circuit current, Isc (A)	8,55	8,72	8,81	8,89	8,25
Dimensions, mm	1649x986x10	1803x988x10	2434x994x10	2434x1191x10	2446x1332x16
Weight, kg	11,5	13	16,8	21,2	23,5

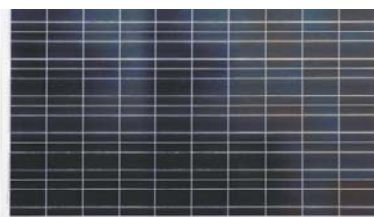
QSS series



Framed version of QLX series. These PV modules is by far the lightest panel in the world, 45% lighter than any conventional modules. It incotporates a new double UV reflector layer so that UV is not absorbed in the panel doesn't increase the temperature anymore. The Zstress design from Qsolar is also unique feature of this module. It is now rigid but flexible so it can slightly expand by changing shape and then return to its original position due to temperature difference. The result is not having stress anymore and panel will last forever.

Model	QSS 210W	QSS 240W	QSS 250W	QSS 270W	QSS 300W
Power, W	210	240	250	270	300
Efficiency, %	14,1	14,7	15,6	14,3	14,3
Open circuit voltage, Voc (V)	33,6	36,4	37,5	42,3	46,6
Short circuit current, Isc (A)	8,24	8,56	8,76	8,29	8,42
Dimensions, mm	1500x990x14	1648x990x12	1648x990x12	1805x990x12	1983x1010x12
Weight, kg	11,1	12,7	12,7	14,4	19,2

QS-240W series



Aluminum-framed glass covered multicrystalline PV modules with EVA backsheet. These PV modules have positive tolerance up to +5W. Work temperatures from -40C to +85C. 10 years manufacturing warranty. 80% efficiency from 25 years.

Model	QS-230W	QS-235W	QS-240W	QS-245W	QS-250W
Power, W	230	235	240	245	250
Efficiency, %	14	14,3	14,6	14,9	15,2
Open circuit voltage, Voc (V)	36,9	37,4	37,7	38,0	38,3
Short circuit current, Isc (A)	8,31	8,42	8,42	8,48	8,54
Dimensions, mm	1655x995x45				
Weight, kg	20				