

## X-SOL - 36 Watt FLEX Light Polykrystalline Photovoltaic Solcelle

### Elektriske parametre (STC: 1000W/m<sup>2</sup>, AM 1.5, temperatur 25°C)

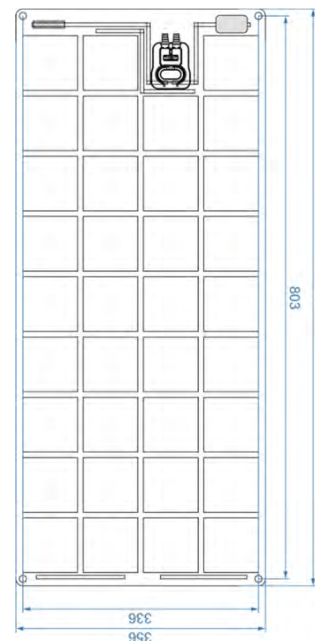
Maximum Power	36Wp
Maximum Power Voltage [V <sub>mp</sub> ]	18,73 V
Max. Power Current [I <sub>mp</sub> ]	2,04 A
Open-circuit Voltage [V <sub>oc</sub> ]	22,20 V
Short-circuit Current [I <sub>sc</sub> ]	2,11 A
Modul Effektivitet [%]	12,29 %
Power Output Tolerance	+/- 5%
Normal Operating Cell Temperatur (NOCT)	45 °C



I henhold til:  
IEC 61215:2005  
IEC 61730-1:2007  
IEC 61730-2:2007

### Mekaniske parametre

Celletepe	Polykrystallinsk Silicone
Antal celle	35 stk.
Dimensioner	356 x 823 Tykkelse 2 mm
Bøjningsradius	5 meter / 30-40 %
Max serie sikring	15A
Samleboks	IP65, 4 poles / 1 by pass diodes
- Tykkelse	12,5 mm Junction box
Output kabler	2 meter, 2,5 mm <sup>2</sup> solar kabel/ vandtæt
Backsheet	Hvid Multilayer film
Vægt	0,81 Kg
Hul diameter	4 huller af 10 mm diameter



### Maximum operating conditions

Temperatur koefficient	-40 °C til +85 °C
I <sub>sc</sub>	0,05%/°C
V <sub>oc</sub>	-0,32%/°C
P <sub>max</sub>	-0,37%/°C
Tilladte operating voltage	IEC: 1000V

## X-SOL - 75 Watt FLEX Light Polykrystalline Photovoltaic Solcelle

### Elektriske parametre (STC: 1000W/m<sup>2</sup>, AM 1.5, temperatur 25°C)

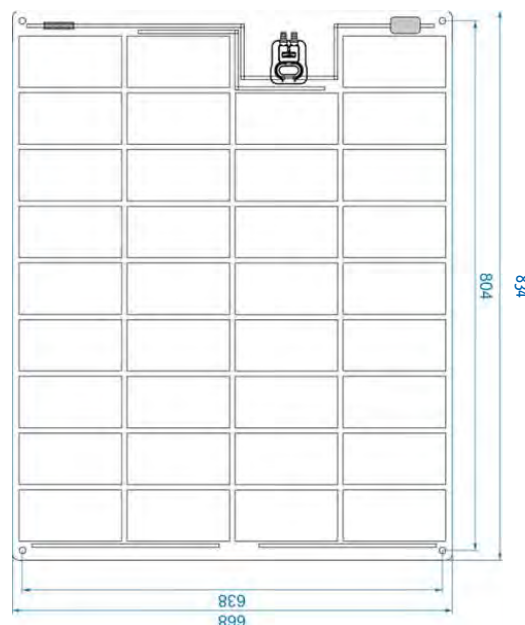
Maximum Power	75Wp
Maximum Power Voltage [Vmp]	18,73V
Max. Power Current [Imp]	4,08A
Open-circuit Voltage [Voc]	22,02V
Short-circuit Current [Isc]	4,23A
Modul Effektivitet [%]	13,46%
Power Output Tolerance	+/-5%
Normal Operating cell Temperatur	45°C



I henhold til:  
IEC 61215:2005  
IEC 61730-1:2007  
IEC 61730-2:2007

### Mekaniske parametre

Celletype	Polykrystallinsk Silicone
Antal celle	35 stk.
Dimensioner	668 x 834 Tykkelse 2 mm
Bøjningsradius	5 meter / 30-40 %
Max serie sikring	15A
Samleboks	IP65 / 1 By pass diodes
- Tykkelse	12,5 mm Junction
Output kabler	2 meter, 2,5 mm <sup>2</sup> Solar kabel / vandtæt
Backsheet	Hvid Multilayer film
Vægt	1,35 Kg
Hul diameter	4 huller af 10mm diameter



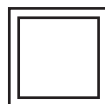
### Maximum operating conditions

Temperatur koefficient	-40 °C til +85 °C
Isc	0,05%/°C
Voc	-0,32%/°C
Pmax	-0,37%/°C
Tilladte operating voltage	IEC: 1000V

## X-SOL - 90 Watt FLEX Light Monokrystallinsk Photovoltaic Solcelle

### Elektriske parametre (STC: 1000W/m<sup>2</sup>, AM 1.5, temperatur 25°C)

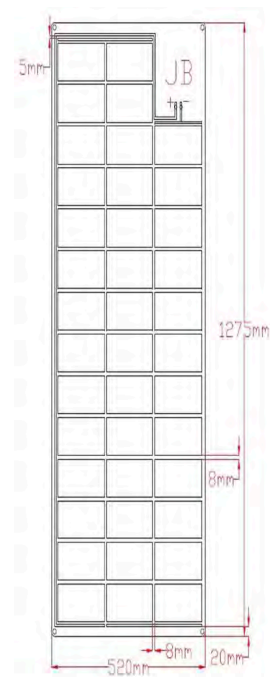
Maximum Power	<b>90Wp</b>
Maximum Power Voltage [Vmp]	21,20V
Max. Power Current [Imp]	4,36A
Open-circuit Voltage [Voc]	25,20V
Short-circuit Current [Isc]	4,63A
Modul Effektivitet	13,57%
Power Output Tolerance	+/-5%
Normal Operatating cell Temperatur	45°C



I henhold til:  
IEC 61215:2005  
IEC 61730-1:2007  
IEC 61730-2:2007

### Mekaniske parametre

Celletype	Monokrystallinske Silicone
Antal celle	40 stk.
Dimensioner	520 x 1275 Tykkelse 2 mm
Bøjningsradius	5 meter / 30-40 %
Max serie sikring	15A
Samleboks	IP65 / 1 By pass diodes
- Tykkelse	12,5 mm Junction box
Output kabler	2 meter, 2,5 mm <sup>2</sup> Solar kabel / vandtæt
Backsheet	Hvid Multilayer film
Vægt	1,60 Kg
Hul diameter	4 huller af 10mm diameter



### Maximum operating conditions

Temperatur koefficient	<b>-40 °C til +85 °C</b>
Isc	0,034%/°C
Voc	-0,314%/°C
Pmax	-0,336%/°C
Tilladte operating voltage	<b>IEC: 1000V</b>

## X-SOL - 150 watt FLEX Light Polykrystalline Photovoltaic Solcelle

### Elektriske parametre (STC: 1000W/m<sup>2</sup>, AM 1.5, temperatur 25°C)

Maximum Power	150Wp
Maximum Power Voltage [V <sub>mp</sub> ]	18,17 V
Max. Power Current [I <sub>mp</sub> ]	8,21 A
Open-circuit Voltage [V <sub>oc</sub> ]	22,05 V
Short-circuit Current [I <sub>sc</sub> ]	8,51 A
Modul Effektivitet [%]	13,62%
Power Output Tolerance	+/- 5%
Normal Operating Cell Temperatur (NOCT)	45°C

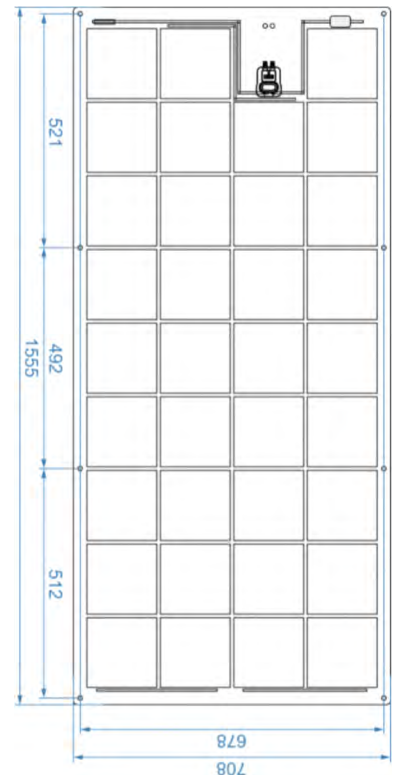


### Mekaniske parametre



I henhold til:  
IEC 61215:2005  
IEC 61730-1:2007  
IEC 61730-2:2007

Celletype	Polykrystallinsk Silicone
Antal celle	35 stk.
Dimensioner	708 x 1555 Tykkelse 2 mm
Bøjningsradius	5 meter / 30-40 %
Max serie sikring	15A
Samleboks	IP65 / 1 By pass diodes
- Tykkelse	Junction box 12,5 mm
Output kabler	2 meter, 2,5 mm <sup>2</sup> solar kabel / vandtæt
Backsheet	Hvid Multilayer film
Vægt	2,45 Kg
Hul diameter	10 huller af 10 mm diameter



### Maximum operating conditions

Temperatur koefficient	-40 °C til +85 °C
I <sub>sc</sub>	0,05%/°C
V <sub>oc</sub>	-0,32%/°C
P <sub>max</sub>	-0,37%/°C
Tilladte operating voltage	IEC: 1000V