



## UKSOL 300w mono black



**30 YEAR  
BRITISH  
WARRANTY**



100 % electroluminescence inspection



Guaranteed positive power tolerance



Maximum 8000 Pa snow load



IP68 junction box available,  
long-term weather endurance



Innovative solution: anti-reflective coating for high  
sunlight absorption



Potential Induced Degradation FREE



High quality components



Packing system to avoid  
micro cracks



Light Induced Degradation FREE



4 busbars



Ammonia  $\text{NH}_3$   
resistance certificate

Salt water mist  
resistance certificate

Fire resistance certificate

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**Electrical Characteristics**

Maximum power [Pmax]	300 Wp
Cells	Monocrystalline
Nr of cells	60
Short circuit current [Isc]	9,85 A
Open circuit voltage [Voc]	38,80 V
Maximum power current [Imax]	9,25 A
Maximum power voltage [Vmax]	32,50 V
Module efficiency	18,44 %
Maximum system voltage	1000 VDC
Tolerance	0 +4,99 Wp
Temperature coefficient current TcI	0,03 %/°C
Temperature coefficient voltage TcV	-0,31 %/°C
Power temperature coefficient TcP	-0,39 %/°C
NOCT ( 800 W/m2, 20°C, AM 1.5, 1m/s)	43±2 °C

**Qualification test parameters**

Maximum load*	5400 Pa
Wind load	2400 Pa
Application class	A

**Irradiance dependence**

[W/m²]	1000	800	600	400	200
Isc	0 %	-19,60 %	-39,50 %	-59,20 %	-80,19 %
Voc	0 %	-1,38 %	-3,05 %	-5,90 %	-8,30 %

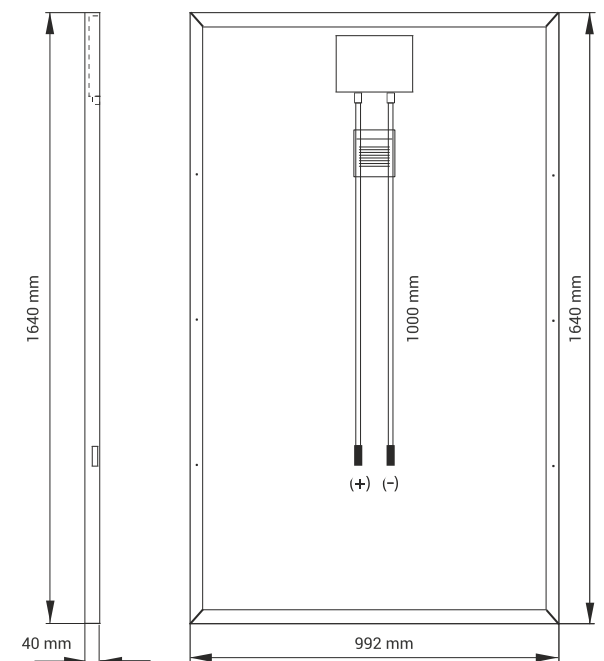
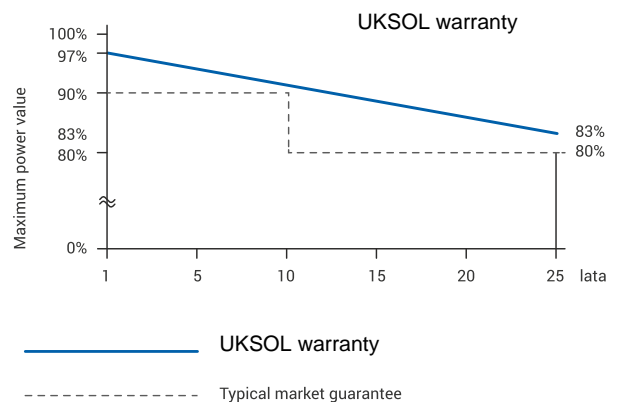
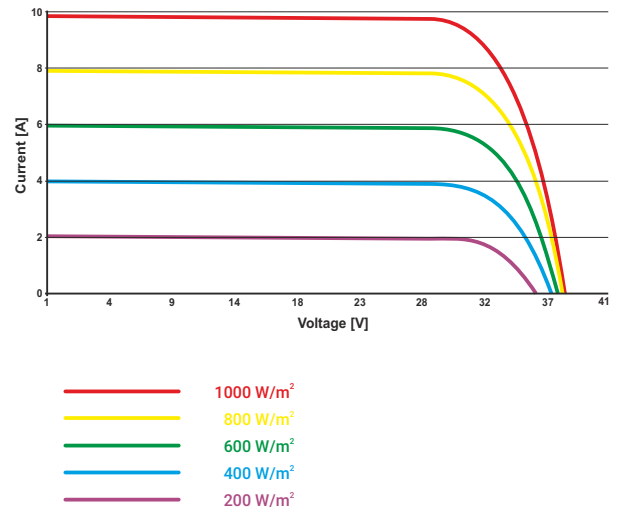
**Physical characteristics**

Length	1640 mm
Width	992 mm
Thickness	40 mm
Weight	18,3 kg
Junction box	IP67
Bypass diodes	3
Reverse current protection	15 A

**Packing**

Packing method	Quantity	Transport
Cartoon 1,7x1,2 m	26 pieces/pallet	30 pallets/truck

CURRENT-VOLTAGE CHARACTERISTICS



\* 8000 Pa – Available upon special request. Third mount rail required. See our manual for details.