



Warranty

- 5 years Manufacturer warranty
- Warranty on Electrical Performance :
5 years 80% of power output

Manufacturing

- Original cell sorting system ensures the best electric cell match
- EL-Testing before packing
- Comprehensive module power testing, 100% positive output tolerance guaranteed

Performance

- High module conversion efficiency
- High-quality cells lower series resistance and reduce power degradation
- Optimized performance under low light conditions. The integrated bypass-diodes allow the panel to work when partially shaded
- Internal aluminum sheet improves the durability by decreasing the risk of micro-cracks on cells
- IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability



Product no.: **AW547**

Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m², TC=25°C

Nominal Power	80 W
Cell Type/Efficiency	Monocrystalline / 18,84%
Cell Arrangement	36 (3*12)
Maximum Power Current (Impp)	4.40A
Maximum Power Voltage (Vmpp)	18.20V
Open-circuit Voltage (Voc)	21.50V
Short-circuit Current (Isc)	4.91A
Maximum System Voltage	100V
Output Tolerance	+3%
Cable	650mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	ETFE / Aluminum Sheet/ EVA / Backsheet (White)
Junction box rating	≥IP67
Number of Diodes	One
Working Temperature	-40°C~+80°C

Packaging

Module Dimensions	1020*515*3mm
Module Weight	4.0kg
Package	Single Package
Pieces per Pallet	30
Gross Weight per Pallet	140kg
Pallet Dimensions	1270*1100*670mm

Contact information

Tel: +45 5656 5400

E-mail: awilco@awilco.dk

Address: Yderholmvej 64, 4632 Ll. Skensved - Denmark

