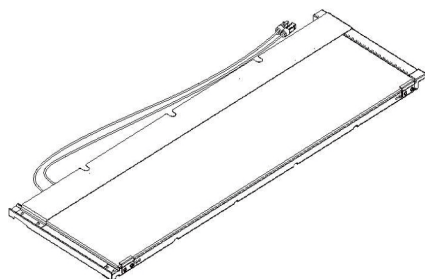
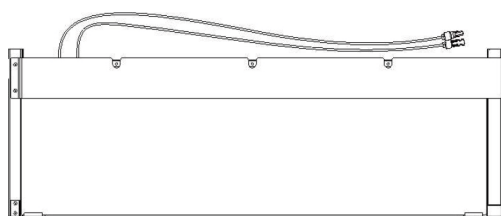


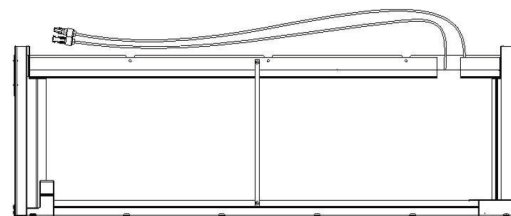
Isometric view



Front view



Back view



### Electrical Specifications (performance at STC: 1000W/m<sup>2</sup>, 25°C, AM1.5)

Specification	ASP-PV-TILE-45
Nominal Power(P <sub>m</sub> )/W	45
Open Circuit Voltage(V <sub>oc</sub> )/V	122.5
Shot Circuit Current (I <sub>sc</sub> )/A	0.52
Voltage at max. Power(V <sub>m</sub> )/V	98.0
Current at max. Power(I <sub>m</sub> )/A	0.46
<b>System Properties (at STC)</b>	
Maximum Series Fuse Rating(I <sub>CF</sub> ) /A	2.0
Maximum System Voltage(V <sub>sys</sub> )/V	1000

### Mechanical Specifications

Construction size	1250±4 x (310-340) mm
External size	1275±4 x 420±4 mm
Thickness	42±2 mm
Weight	8.8kg
Allowed batten distance	310-340 mm
Lead Cable	2.5 mm <sup>2</sup> , 1860mm,Ø6
Connectors	MC4,Ø20mm
Cell Type	Cadmium Telluride (CdTe)
Front/back glass	Float glass
Frame	Aluminum alloy (surface oxide thickness 15AA)
Colour	Black
Mounted with	metal buckle plate

### Temperature Characteristics(at STC)

Temperature Coefficients of I <sub>sc</sub>	α=0.060%/°C
Temperature Coefficients of V <sub>oc</sub>	β=-0.321%/°C
Temperature Coefficients of P <sub>m</sub>	γ=-0.214%/°C
Operating Temperature Range	-40°C To +85°C

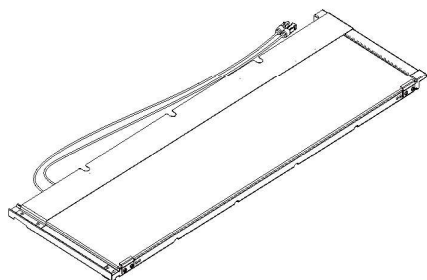
### CE-marked according to:

IEC/EN 61646:2008  
IEC/EN 61730-1:2004 + A1: 2011 + A2: 2013  
IEC/EN 61730-2:2004 + A1: 2012

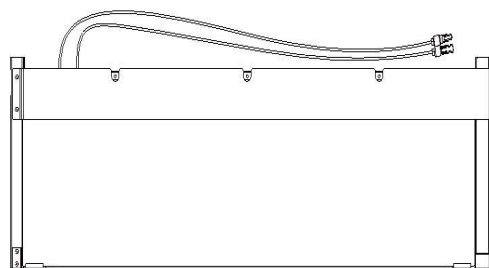
### Warranty:

- 10 years materials and workmanship.
- 25 years power output guarantee for 90% of nominal output during first 10 years and 80% over 25 years.
- Modules are life cycle managed with a collection and recycling program, providing module owners with no cost, end-of-life take back, and recycling of the modules.

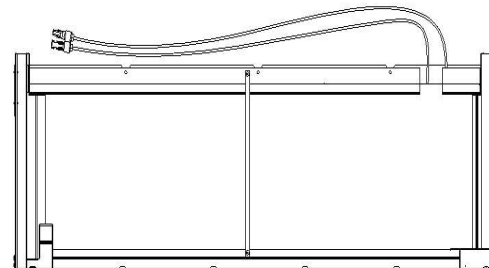
Isometric view



Front view



Back view



### Electrical Specifications (performance at STC: 1000W/m<sup>2</sup>, 25°C, AM1.5)

Specification	ASP-PV-TILE-94
Nominal Power(Pm)/W	94
Open Circuit Voltage(Voc)/V	122.5
Short Circuit Current (Isc)/A	1.08
Voltage at max. Power(Vm)/V	98.0
Current at max. Power(I <sub>m</sub> )/A	0.96
<b>System Properties (at STC)</b>	
Maximum Series Fuse Rating(I <sub>CF</sub> ) /A	2.0
Maximum System Voltage(V <sub>SYS</sub> )/V	1000

### Mechanical Specifications

Construction size	1250±4 x (610-640) mm
External size	1275±4 x 720±4 mm
Thickness	42±2 mm
Weight	15.8kg
Allowed batten distance	610-640 mm
Lead Cable	2.5 mm <sup>2</sup> , 1860mm,ø6
Connectors	MC4,ø20mm
Cell Type	Cadmium Telluride (CdTe)
Front/back glass	Float glass
Frame	Aluminum alloy (surface oxide thickness 15AA)
Colour	Black
Mounted with	metal buckle plate

### Temperature Characteristics(at STC)

Temperature Coefficients of I <sub>sc</sub>	α=0.060%/°C
Temperature Coefficients of V <sub>oc</sub>	β=-0.321%/°C
Temperature Coefficients of P <sub>m</sub>	γ=-0.214%/°C
Operating Temperature Range	-40°C To +85°C

### CE-marked according to:

IEC/EN 61646:2008  
IEC/EN 61730-1:2004 + A1: 2011 + A2: 2013  
IEC/EN 61730-2:2004 + A1: 2012

### Warranty:

- 10 years materials and workmanship.
- 25 years power output guarantee for 90% of nominal output during first 10 years and 80% over 25 years.
- Modules are life cycle managed with a collection and recycling program, providing module owners with no cost, end-of-life take back, and recycling of the modules.