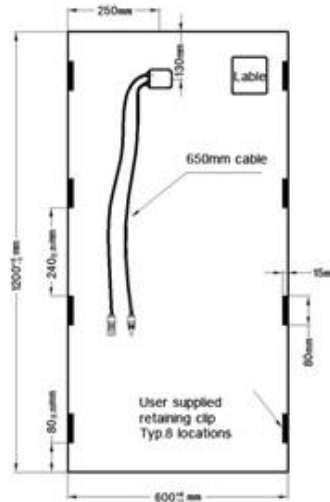


## THK-10300



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

Nominal Power(P <sub>m</sub> )	85W
Open Circuit Voltage(V <sub>oc</sub> )	60.2V
Short Circuit Current (I <sub>sc</sub> )	1.97A
Voltage at max. Power(V <sub>m</sub> )	48.3V
Current at max. Power(I <sub>m</sub> )	1.76A

### System Properties (at STC)

Maximum System Voltage	V <sub>SYS</sub> (V)	1000(600UL)
Limiting Reverse Current	I <sub>R</sub> (A)	3.5
Maximum Series Fuse	I <sub>CF</sub> (A)	3.5

### Temperature Coefficients (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

### Mechanical Specifications

Length	1200mm
Width	600mm
Thickness	6.8mm
Area	0.72m <sup>2</sup>
Weight	11.8kg
Frame	None
Lead Cable	2.5mm <sup>2</sup> 650mm
Connectors	MC4



<b>Bypass Diode</b>	10A
<b>Cell Type</b>	Cadmium Telluride (CdTe)
<b>Cover Type</b>	3.2mm normal glass laminated to 3.2mm normal/tempered
<b>Encapsulation</b>	PVB

**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.