

Table 1

Solar Slate Ltd Technical Data Sheet	
Electrical	
Nominal output at STC (P_{max} , MPP)	6.5 Wp. +/- 10%.
Short Circuit Current I_{sc}	1.7 A
Open Circuit Voltage V_{oc}	5.4 V
Current at MPP.	1.5 A
Voltage at MPP.	4.4 V
Temperature coefficient of Power	-0.32%/°C
Temperature coefficient of Voltage V_{oc} .	-0.30%/°C.
Maximum permissible system voltage	50V

Table 2

Mechanical	
Nominal Dimensions (LxWxT)	500x254x6mm.
Connectors	Multi-contact connectors type MC4; 0.26m fly-lead.
Junction box.	Jointly designed by SSL & Antaya Technologies and manufactured by Antaya Technologies
Slate weight.	1.8 kg.
Mounting method.	Using stainless steel slate nail hooks, Ø2.7mm X 130mm.

Table 3

Solar Slate PV Details.	
Nominal system output. (Wp).	1001
System peak rated power. (Wp).	1001
Number of Solar Slates.	154
Approx. Active area of PV generator. (m^2)	7.8
Estimated annual average energy yield (kWh/yr).	800*
Estimated CO ₂ savings per annum (kg/yr).	454

*The estimated annual average energy yield provided is a theoretical value based upon industry norms and should not be taken as the actual energy yield.

The performance of PV systems is impossible to predict with certainty due to the variability in the amount of solar radiation from location to location and from year to year. The system parameters are derived using the meteorological data for London assuming a south facing solar array at a nominal 30° pitch and should not be considered as a guarantee of performance.