

STH SOLAR STH100

TYPICAL PERFORMANCE CHARACTERISTICS	
Typical power (Wp)	100
Tolerance (%)	-0.05
Voltage at max. power (V)	77
Current at max. power (A)	1.29
Open circuit voltage (Voc)	100
Short circuit current (Isc)	1.65

Standard test conditions: 1000W/m², AM1.5G and 25 degree C

Electrical data above represent stabilized values at Standard test conditions (STC)

MECHANICAL DATA	
Dimension (mm)	L 1414 x W 1110 x T 35
Weight (Kg)	21
Connector	MC or MC equivalent
Cable length (mm)	1000
Cable size (mm ²)	2.5

TEMPREATURE COEFFICIENTS	
Maximum power (W)	- 0.20% / C
Maximum power voltage (V)	- 0.32% / C
Maximum power current (A)	+ 0.14% / C
Open circuit voltage (V)	- 0.33% / C
Short circuit current (A)	+ 0.09% / C

INSTALLATION LIMITATIONS	
Maximum system voltage (V)	1000
Operating module temperature	-40C to + 85C
Maximum load	2,4000N/m ² or 245 Kg/m ²

CERTIFICATION	
IEC61646	Certified
IEC61730	Certified
UL	Certified

WARRANTY	
Product	12 years
Power output	Terrestrial: 12 years / 90% yield