

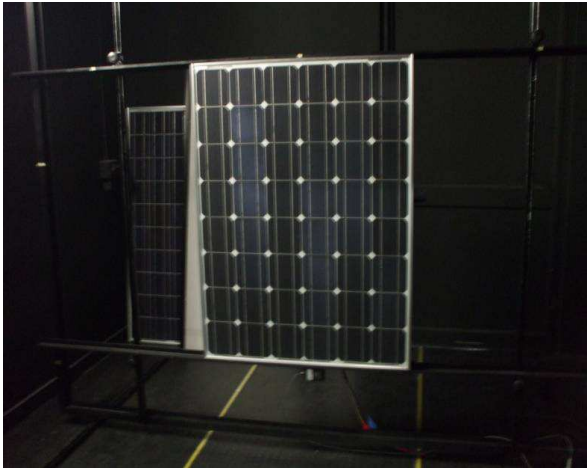
Sun simulators for panels

Pasan SunSim3c is a Class A sun simulator according to IEC 60904-9 standard.

It allows the determination of modules power rating in Standard Test Conditions and also at different irradiation levels (100, 200,400,700 W/m²).

The maximum dimension of test sample is 2m x 2m.. The light pulse length of solar simulator is equal to 10 ms and its measurement electronic circuits and data acquisition system are able to acquire the I-V characteristic during one single flash.

SunSim3C permits to perform power rating tests 10.2, 10.6.3.1 and 10.7 according to the standards EN 60904-1 , CEI EN 61215 e CEI EN 61646.



Sun simulator for cells

Pasan CTSLab 906 is a class A sun simulator according to IEC 60904-9 standard.

It permits the determination of power rating in Standard Test Condition (according to EN 60904-1) and spectral response of PV cells having a maximum size of 20 cm X 20 cm.

Services currently offered by both simulators:

Both sun simulators are used for a testing service carried out for internal (Enel) customers.

The infrastructure can be open also towards external customers or under defined conditions for external research centres.

