



## Test Navi News September 2015

### - TEST NAVI REPORT

Release of the report for

#### **Simple Methods of Estimating Power Generation Characteristic Parameters As a Solar Cell Module Performance Evaluation Technique**

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In order to build a solar power generation system providing longer and more stable operation, it is necessary to accumulate knowledge that can be used for estimating the life of solar cell modules (solar cell panels), which is the main component of the system. For that purpose, a simple method of estimating the power generation characteristic parameters of solar cell modules was studied as a performance evaluation technique. As a result, the parameters can now be estimated relatively easily through the use of common spreadsheet software, and performance changes in a solar cell module that occur during indoor accelerated tests can be grasped accurately as changes in power generation characteristic parameters. This report provides an overview of the method, including basic information.

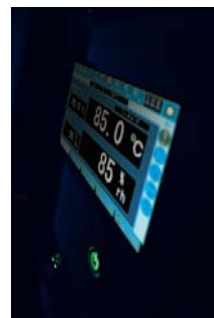
<http://www.test-navi.com/eng/report/pdf/SimpleMethodsOfEstimatingPowerGenerationCharacteristicParameters.pdf>

### - NEW PRODUCT

#### ■ ESPEC PLATINOUS J SERIES CREATES NEW VALUE IN THE WORLD OF TEST EQUIPMENT

ESPEC introduces Platinous J series with **the new network controller** which allows monitoring and programming the chamber via any PC, mobile devices such as tablets and smartphones on your network.

**Display Language: Now available in English, Simplified Chinese, Traditional Chinese, Korean and Japanese.**



Conforms to CE



<http://www.test-navi.com/eng/test/product/index.php>



## - NEW PRODUCT

### ■ ESPEC ONLINE SERIES

#### INNOVATIVE SOLUTIONS FOR YOUR TEST LABORATORY

Remote chamber management on your network expands environmental test potential. ESPEC introduces ESPEC Online series that allows monitoring, control, programming, data logging, test scheduling and alarm & scheduled maintenance notifications by email.

**Display Language: Now available in English, Simplified Chinese, Traditional Chinese, Korean, German, Russian, Spanish and Japanese.**

#### - ESPEC OnlineCore

For users having multiple chambers and network devices

#### - ESPEC OnlineConverter

Your old chambers works as a chamber with a brand new controller!

<http://www.test-navi.com/eng/test/product/index.php#online>

## - EVENT/SEMINAR

Check ESPEC exhibition, event and seminar schedule for 2015.

[http://www.test-navi.com/eng/pdf\\_view/index2.php?pdf=http://www.espec.co.jp/english/seminar/pdf/ExhibitionSchedule2015\\_04.pdf](http://www.test-navi.com/eng/pdf_view/index2.php?pdf=http://www.espec.co.jp/english/seminar/pdf/ExhibitionSchedule2015_04.pdf)

## - ENVIRONMENTAL TEST STANDARDS

Access to new release test program pattern for Air to air thermal shock chamber TSA\*\*3 series.

**NEW!! Thermal shock test: MIL-STD-883 and IEC-60068-2-14 for the TSA**



[http://www.test-navi.com/eng/environment\\_testing/index.php](http://www.test-navi.com/eng/environment_testing/index.php)

## - NEW SERVICE FROM TEST NAVI– PRODUCT REGISTRATION

Get new release Pattern Manager Lite for Air to air thermal shock chamber TSA series (TSA-\*\*3) and test program patterns.

Register your products to gain benefits such as software upgrade of our network features, etc.

<http://www.test-navi.com/eng/product/index.php>

- **Target products: TSA\*\*3 Series**, Constant Climate Cabinet LH/LHU/LU\*\*4 Series, Compact Ultra Low Temperature Chamber MC\*\*2R, Platinum J Series, Walk-in E Series, Vacuum oven VAC\*\*1 Series, Environmental Stress Chamber AR Series and Web Manager WMA Series, Bench-Top Type Temperature (& Humidity) Chamber\*\*2 Series and Web Integrated Network WCE-ES,

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