



# C E R T I F I C A T E

**Certificate No. 09-PPV-00030/03-W01-TIC**

**WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL  
PPV-272S6  
( Tested types )**

**And with Types extended for similarity\*  
- See Annex -**

**LICENSE HOLDER:**  
**POWERCOM CO., LTD**  
8F, No.246, Lien Chen Road, Chung Ho City,  
Taipei Hsien, Taiwan, R.O.C

**&**

**MANUFACTURING:**  
**POWERCOM CO., LTD**  
6F, No.168, Jian Kang Road, Chung Ho City,  
Taipei Hsien, Taiwan, R.O.C

**IS IN COMPLIANCE WITH THE REQUIREMENTS OF**

**IEC 61215 : 2005**

Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval

**&**

**EN 61730-1 / EN 61730-2 : 2007**

Photovoltaic (PV) module safety qualification

**To be used in plants at a total voltage up to : 1000 Vdc**

**AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY**

**EUROTEST LABORATORI  
(EA ACCREDITED LABORATORY N. 0192)**

**REPORT No. TIC-PVC01CdO08C364002**

**&**

**THE FACTORY INSPECTION ON THE DATE 21<sup>st</sup> January 2009 WITH REPORT No.**

**RFI-0109-PPV-TIC-00030/03**

**Expiring date 11.01.2012**

*( Providing that the testing basis continues unchanged )*

**Notes: (\*)** The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type PPV-272S6. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as retest according to IECCE "Retesting guideline" for similarity with model PPV-260M6 with differences in cell technology (certificate n° C01 08C364001 released by Eurotest Laboratori in date 10/10/2008). This certificate is for type approval and based on voluntarily product test with **Factory Inspection**. \*\*The Manufacturing Inspection was conducted by a TÜV INTERCERT appointed inspector on the base of agreement with the certification body TÜV INTERCERT.



Am Bonner Bogen 2, D-53227 Bonn, 10.02.2009

TÜV INTERCERT Certification Body





# C E R T I F I C A T E

## Annex of

**Certificate No** 09-PPV-00030/03-W01-TIC

### THE PHOTOVOLTAIC MODULES WITH THE MODELS

<u>Tested type</u>	<u>Cell Number</u>	<u>Cell Size [cm x cm]</u>	<u>Cell technology</u>	<u>Power [W]</u>
PPV-272S6	72	156 x 156mm	Mono-Crystalline	280~264 W

**Types extended for similarity\* with Mono-Crystalline cell technology without need of re-testing**

(according to IEC61215 "Retesting guideline"):

<u>Type</u>	<u>Cell Number</u>	<u>Cell Size [cm x cm]</u>	<u>Power [W]</u>
PPV-300S6*	72	156 x 156mm	309~281 W
PPV-256S6*	72	156 x 156mm	264~248 W
PPV-244S6*	72	156 x 156mm	251~237 W
PPV-250S6*	60	156 x 156mm	258~235 W
PPV-227S6*	60	156 x 156mm	234~220 W
PPV-213S6*	60	156 x 156mm	219~207 W
PPV-204S6*	60	156 x 156mm	210~198 W
PPV-224S6*	54	156 x 156mm	231~211 W
PPV-204S6*	54	156 x 156mm	210~198 W
PPV-192S6*	54	156 x 156mm	198~186 W
PPV-183S6*	54	156 x 156mm	188~178 W
PPV-200S6*	48	156 x 156mm	206~188 W
PPV-182S6*	48	156 x 156mm	187~177 W
PPV-171S6*	48	156 x 156mm	176~166 W
PPV-163S6*	48	156 x 156mm	168~158 W
PPV-150S6*	36	156 x 156mm	155~141 W
PPV-136S6*	36	156 x 156mm	140~132 W
PPV-128S6*	36	156 x 156mm	132~124 W
PPV-122S6*	36	156 x 156mm	126~118 W

**Notes:** (\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type PPV-272S6. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as retest according to IEC61215 "Retesting guideline" for similarity with model PPV-260M6 with differences in cell technology (certificate n° C01 08C364001 released by Eurotest Laboratorj in date 10/10/2008). This certificate is for type approval and based on voluntarily product test with Factory Inspection.\*\*The Manufacturing Inspection was conducted by a TÜV INTERCERT appointed inspector on the base of agreement with the certification body TÜV INTERCERT.



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