





**BUREAU  
VERITAS**

# TEST REPORT

## IEC 61683

**Photovoltaic systems – Power conditioners – Procedure for measuring efficiency**

<b>Report reference number</b> .....	<b>PV150107C07</b>
Date of issue .....	2015-01-28
Total number of pages .....	33
<b>Testing laboratory name</b> .....	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Address .....	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
	 
<b>Applicant's name</b> .....	Delta Electronics, Inc.
Address .....	39, Section 2, Huandong Road, Shanhua Township, Tainan Country, 74144, Taiwan
<b>Test specification</b>	
Standard .....	IEC 61683:1999; EN 61683:2000; DIN EN 61683:2000
<b>Certificate</b> .....	<b>Certificate of compliance</b>
Test report form number .....	IEC61683
Master TRF .....	Bureau Veritas Consumer Products Services Germany GmbH
<b>Test item description</b> .....	<b>Grid-tied photovoltaic inverter</b>
Trademark .....	
Model / Type .....	RPI M30A_XXY Remark: In the inverter name 'X' can be any number 0 to 9 or letter A to Z or empty; 'Y' can be 0 or 1
<b>Ratings</b> .....	
MPP DC voltage range [V] .....	520-800 d.c.V
Input DC voltage range [V] .....	200-1000 d.c.V, 1000 d.c.V max.
Input DC current [A] .....	10A max / string x 6
Output AC voltage [V] .....	230/400 a.c.V, 50Hz, 3P3W or 3P4W
Output AC current [A] .....	50A max
Output power [VA] .....	30kW nom, 33kW/33kVA max

<b>Testing Location</b> .....	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
<b>Address</b> .....	No. 19, Hwa Ya 2nd Rd, Kueishan Taoyuan, Taiwan.
<b>Tested by</b> (name and signature) .....	Issac Chen 
<b>Approved by</b> (name and signature) .....	Edward Chiueh 
<b>Manufacturer's name</b> .....	Delta Electronics (Jiang Su), Ltd.
<b>Factory address</b> .....	No. 1688, Jiangxing East Rd., Wujiang Economic Development Zone, Wujiang City, Jiang Su Province, 215200, P.R. China

Document History			
Date	Internal reference	Modification / Change / Status	Revision
2015-01-28	Issac Chen	Initial report was written	0
Supplementary information:			