







# TEST REPORT

## IEC 61683

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

<b>Report reference number .....</b>	PV150204C10		
<b>Date of issue .....</b>	2015-03-03		
<b>Total number of pages .....</b>	30		
<b>Testing laboratory name .....</b>	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch		
<b>Address .....</b>	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan		
	 		
<b>Applicant's name .....</b>	Delta Electronics, Inc.		
<b>Address .....</b>	39, Section 2, Huandong Road, Shanhua Township, Tainan Country, 74144, Taiwan		
<b>Test specification</b>			
<b>Standard .....</b>	IEC 61683:1999; EN 61683:2000; DIN EN 61683:2000		
<b>Certificate .....</b>	Certificate of compliance		
<b>Test report form number .....</b>	IEC61683		
<b>Master TRF .....</b>	Bureau Veritas Consumer Products Services Germany GmbH		
<b>Test item description .....</b> Grid-tied photovoltaic inverter			
<b>Trademark .....</b>			
<b>Model / Type .....</b>	RPI M6A, RPI M8A and RPI M10A		
<b>Ratings .....</b>	RPI M6A	RPI M8A	RPI M10A
<b>MPP DC voltage range [V] .....</b>	315-800V	415-800V	415-800V
<b>Input DC voltage range [V] .....</b>	200-1000V		
<b>Input DC current [A] .....</b>	20A max.	20A max.	25A max.
<b>Output AC voltage [V] .....</b>	230/400V, 3 phase / N / PE, 50Hz		
<b>Output AC current [A] .....</b>	9,7A max.	13A max.	16A
<b>Output power [VA] .....</b>	6kVA	8kVA	10kVA

<b>Testing Location.....:</b>	<b>1) Delta Electronics Inc.</b> <b>2) Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch</b>		
<b>Address .....</b>	1) 39, Section 2, Huandong Road,Shanhua Township, Tainan City 74144, Taiwan 2) No. 19, Hwa Ya 2nd Rd, Kueishan Taoyuan, Taiwan		
<b>Tested by (name and signature) .....</b>	Issac Chen		
<b>Approved by (name and signature) .....</b>	Edward Chiueh		
<b>Manufacturer's name .....</b>	<b>Delta Electronics (Jiang Su), Ltd.</b>		
<b>Factory address.....:</b>	No. 1688, Jiangxing East Rd., Wujiang Economic Development Zone, Wujiang City, Jiang Su Provice, 215200, P.R. China		

Document History			
Date	Internal reference	Modification / Change / Status	Revision
2015-03-03	Issac Chen	Initial report was written	0
Supplementary information:			