





# TEST REPORT

## IEC 61683

Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

<b>Report reference number</b> .....	<b>PV140624C06</b>	
Date of issue .....	2014-07-17	
Total number of pages .....	23	
<b>Testing laboratory name</b> .....	<b>Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch</b>	
Address .....	No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan	
	 	
<b>Applicant's name</b> .....	<b>Delta Electronics, Inc.</b>	
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-M20A, RPI-M15A	
Model Names .....	RPI-M20A	RPI-M15A
Ratings .....	See below	
MPP DC voltage range [V] .....	470-820Vdc	355-820Vdc
Input DC voltage range [V] .....	200-1000Vdc	
Input DC current [A] .....	22A x 2 max.	
Output AC voltage [V] .....	230/400Vac, 3Ph+N+PE, 50Hz	
Output AC current [A] .....	32A max.	24A max.
Output power [VA] .....	20KVA	15KVA

<b>Testing Location.....:</b>	<b>Delta Electronics Inc.</b>		
<b>Address .....</b>	39, Section 2, Huandong Road, Shanhua Township, Tainan City 74144, 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 Province, 215200, P.R. China		

Document History			
Date	Internal reference	Modification / Change / Status	Revision
2014-07-17	Issac Chen	Initial report was written	0
Supplementary information:			