



Product Service

CERTIFICATE

No. Z2 09 09 71776 001

Holder of Certificate: Johanna Solar Technology GmbHMünstersche Straße 24
14772 Brandenburg an der Havel
GERMANY**Production Facility(ies):**

71776

Certification Mark:**Product:**Thin-Film Terrestrial Photovoltaic (PV) Modules
Thin-film CIGS**Model(s):**C100-A1-42W, C100-A1-45W, C100-A1-48W,
C100-A1-51W, C100-A1-54W, C100-A1-57W**Parameters:**

Rated Output Power at STC:	42W, 45W, 48W, 51W, 54W, 57W
Construction:	Framed with Junction box, Cable and Connectors.
Test Laboratory:	Photovoltaik-Institut Berlin AG Einsteinufer 25, D-10587 Berlin, Germany
Application Class:	Class A
Maximum System Voltage:	1000 V DC
Remark:	(*)Fire Test MST 23 was not performed.

Tested according to:IEC 61646:2008
EN 61646:2008
IEC 61730-1:2004
EN 61730-1:2007
(*IEC 61730-2:2004
EN 61730-2:2007

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 704060965501-00**Date,** 2009-10-26

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Robert Fute