

TEST REPORT

Product Name : MPPT SOLAR INVERTER
Model Number : AXPERT KING RACK 5KW, AXPERT
KING RACK 3KW

Prepared for : VOLTRONIC POWER TECHNOLOGY (SHENZHEN)
CORP.
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Report Number : ES180731010P-4



TEST REPORT IEC 62109-1 Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements	
Report Reference No. ES180731010P-4 Compiled by (name + signature) James Dan / Engineer Approved by (name + signature) William Guo/ Manager Date of issue September 22, 2020 Total number of pages 115 pages	 <i>James Dan</i> <i>William Guo</i>
Testing Laboratory name EMTEK (SHENZHEN) CO., LTD. Address Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China Testing location/ address Same as above	
Applicant's name VOLTRONIC POWER TECHNOLOGY (SHENZHEN) CORP. Address 1-5F, Building 5 & 1F Building7 & 1F Building9, RunDongSheng Industrial Park, No.467, Section Xixiang, National Highway 107, LongZhu Community, Xixiang, Bao An District, Shenzhen, China	
Test specification: Standard IEC 62109-1: 2010 Test procedure IEC report Non-standard test method N/A	
Test Report Form No. IEC62109_1A Test Report Form(s) Originator VDE Testing and Certification Institute Master TRF Dated 2011-03	
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Test item description MPPT SOLAR INVERTER Trade Mark -- Manufacturer VOLTRONIC POWER TECHNOLOGY (SHENZHEN) CORP. Address 1-5F, Building 5 & 1F Building7 & 1F Building9, RunDongSheng Industrial Park, No.467, Section Xixiang, National Highway 107, LongZhu Community, Xixiang, Bao An District, Shenzhen, China Model/Type reference AXPERT KING RACK 5KW, AXPERT KING RACK 3KW Ratings See the rating labels.	

Summary of testing:

The product has been tested according to standard IEC 62109-1: 2010 & IEC 62109-2: 2011.

Summary of compliance with National Differences:

List of countries addressed: N/A

The product fulfils the requirements of EN 62109-1: 2010 & EN 62109-2: 2011.

List of Attachments (including a total number of pages in each attachment):

This test report contains 2 parts listed in below table:

Item	Description	Pages
Part 1	IEC 62109-1: 2010 Test report	2-70
Part 2	IEC 62109-2: 2011 Test report	71-114

