

CERTIFICATE OF COMPLIANCE

Certificate Number 20170106-E484344
Report Reference E484344-20161221
Issue Date 2017-JANUARY-06

Issued to: Fonrich (Shanghai) New Energy Technology Co.,Ltd
1st FI No 5 Bldg
No 999 Jianguyue Rd, Minhang District
Shanghai, 201112 CHINA

**This is to certify that
representative samples of**

COMPONENT - PHOTOVOLTAIC DC ARC-FAULT
CIRCUIT PROTECTION
SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.


Standard(s) for Safety:

SEE ADDENDUM PAGE FOR STANDARDS

Additional Information:

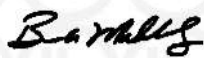
See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

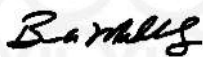
US - Recognized Component – 4-Channel Photovoltaic DC Arc-Fault Detector Module (PV AFD) Cat nos.FR-DCMG-AS4A and FR-DCMG-AS4T.

CAN - Recognized Component – 4-Channel Photovoltaic DC Arc-Fault Detector Module (DC-AFD) Cat nos.FR-DCMG-AS4A and FR-DCMG-AS4T.

STANDARDS

UL Subject 1699B - Outline of Investigation for Photovoltaic (PV) DC Arc-Fault Circuit Protection.

CSA Technical Information Letter No. M-07 - Interim Certification Requirements for Photovoltaic (PV) Arc-Fault Protection (DC-AFP).



Bruce Mahrenholz, Director North American Certification Program
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