

September 16, 2019

Mr. John Williams, CEO  
HotSpot Energy Inc.  
4021 Holland Blvd.  
Chesapeake, VA 23323

Subject: Amendment to Standalone Off-Grid Inverters with AC Assisted Off-Grid Inverters  
for HotSpot Energy Asymmetric Inverter Model: ACDCX-N, ACDCX-Y, ACDCX-  
H, ACDCX-T, ACDCX-S, ACDCX-W, ACDCX-Q.

Listing Number E113426; MET Project Number 104241

Safety Standards:

- UL 1741 2010.01.28, 2016.05.02, and 2018.01.12  
UL Standard for Safety Inverters, Converters, Controllers and  
Interconnection System Equipment for Use With Distributed  
Energy Resources - Second Edition
- CSA 107.1-01: 2001.09.01 (R 2011) General Use Power  
Supplies - Third Edition

Dear Mr. Williams,

Congratulations on successfully completing the MET Certification process for the amendment described above. HotSpot Energy Inc. may begin to apply the MET Mark on the previously identified products at this time in accordance with the MET Mark Utilization Agreement or the MET Applicant Contract. The report covering the above stated products is forthcoming.

Thank you for the opportunity to perform this service for HotSpot Energy Inc. We look forward to future opportunities with your company.

*Sincerely,*

MET LABORATORIES, INC.



Lauren Foster  
Senior Project Engineer,  
Safety Laboratory



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*MET Laboratories, Inc. is accredited by OSHA and the Standards Council of Canada.*

**NRTL**

Canadian Certification has been granted under a System 3 program as defined in ISO/IEC 17067.

## **Attachment 1**

### **Summary of Amendments/Modifications**

1. Amend the UL certification of the Off-Grid Inverters to include the AC Assisted Off-Grid Inverters for HotSpot Energy Asymmetric Inverter Model: ACDCX-N, ACDCX-Y, ACDCX-H, ACDCX-T, ACDCX-S, ACDCX-W, ACDCX-Q.
2. Upgrade fuse rating on the main board from 10A to 12A.
3. “Rapid Shutdown” tests conducted to confirm that the inverter complies with NEC 2014/2017 690.12 and UL 1741 requirements.
4. “No Output to the Grid” tests conducted to confirm that the inverter does not send AC power to the AC Source or the Electric Grid connected onto its AC Input Port in all operating conditions, including: (a) AC load changes, (b) DC input power changes, and (c) failure of major parts.



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