

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

November 30, 2017

Dear ENERGY STAR® Uninterruptible Power Supply Partner or Other Interested Stakeholder,

With this letter, the U.S. Environmental Protection Agency (EPA) is pleased to share the Final Draft Version 2.0 ENERGY STAR Uninterruptible Power Supply Specification and Final Draft ENERGY STAR Uninterruptible Power Supply Test Method. EPA would like to thank the many stakeholders who have invested time and effort to contribute feedback that has informed this product specification process. The Version 2.0 ENERGY STAR UPS specification will take effect on October 1, 2018.

This final draft reflects significant engagement with stakeholders and strikes a reasonable balance across its numerous elements. EPA has made modest adjustments in response to comments received on draft 2. Stakeholders will find note boxes within the final draft that share EPA's rationale for the changes. A more detailed comment response document is also provided.

EPA received comments requesting that the Agency stage this revision such that the proposed levels would be relaxed in this version and a second specification revision would further increase stringency once the anticipated, new DOE standards go into effect. Given the high percentage of VI and VFD products that currently qualify for the label, it is important to make adjustments at this time to allow for meaningful differentiation of true top performers in the market. EPA continues to believe that the proposed levels are currently achievable and that a single specification process saves partner and government resources. However, in the interest of increasing consumer selection of certified products, EPA has moved the breakpoint for the VFD and VI low-power sloped requirement lines from 300 W to 350 W and amended the VI requirements between 1500 W and 10,000 W to permit additional models to meet in those categories. EPA also made modest amendments to the test method, including clarifying the boundary between High-voltage, and Low-voltage Dc-output UPSs and amending the humidity requirements.

Stakeholders may submit comments on the attached Final Draft, Version 2.0 specification and the Final Draft test method to ups@energystar.gov by December 14, 2017. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress on this specification, please visit the product development website at www.energystar.gov/RevisedSpecs and navigate to "Uninterruptible Power Supplies."

Please contact me at Fogle.Ryan@epa.gov or 202-343-9153 or Matt Malinowski, ICF, at Matt.Malinowski@icf.com or (202) 862-2693 with questions or concerns. For any other UPS related questions, please contact ups@energystar.gov. Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ryan Fogle".

Ryan Fogle
EPA Manager, ENERGY STAR for IT and Data Center Products

Enclosures:

Final Draft, Version 2.0 ENERGY STAR Uninterruptible Power Supplies Specification

Final Draft ENERGY STAR Uninterruptible Power Supplies Test Method

Draft 2, Version 2.0 ENERGY STAR Uninterruptible Power Supplies Comment-response Document