

NOTICE OF COMPLETION  
AND  
AUTHORIZATION TO APPLY THE UL MARK



2023-06-08

DONG WEI  
MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.  
No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, Guangdong Sheng, 510670, CN

Your Reference:

Our Reference: File E235235, Volume X2

Order: 14764733

Project: 4790816801

Project Scope:

UL/CUL 62368-1 3rd Ed: Investigation for AC-DC converter, models LM450-20BXX, LM450-20BXX-Z, LM450-20BXX-ZZ, LM450-20BXX-ZZZ, LM450-20BXX\*-Z, LM450-20BXX\*-ZZ, LM450-20BXX\*-ZZZ, LM450-20BYYY, LM450-20BYYY-Z, LM450-20BYYY-ZZ, LM450-20BYYY-ZZZ, LM450-20BYYY\*-Z, LM450-20BYYY\*-ZZ, LM450-20BYYY\*-ZZZ ("XX" mean output voltage is fixed, can be 12, 15, 24, 27, 36, 42, 48, denote the output voltage, such as XX=12 is 12V. "YYY" mean output voltage is adjustable, can be 114-132, 142-165, 228-264, 256-297, 342-396, 399-462, 456-528, denote the output voltage, the step is 0.1V, such as YYY=114 is 11.4V, YYY=528 is 52.8V. Output current step in 0.1A. 4. (a) "\*" can be "-C", it means models with terminal cover (b) "\*" can be "-Q", it means models with Anti-corrosion paint which used for one side of PCB. (c) "\*" can be "-QQ", it means models with Anti-corrosion paint which used for both side of PCB. (d) "\*" can be "-CQ", it means models with terminal cover and Anti-corrosion paint which used for one side of PCB. (e) "\*" can be "-CQQ", it means models with terminal cover and Anti-corrosion paint which used for both side of PCB. For "Z", "ZZ" and "ZZZ", each Z=A~Z or 0~9, any letter or number, for marketing purpose.), refer to reference report number E235235-A6171.

Dear Dong Wei:

UL has completed the investigation under the above project and confirmed compliance of your product(s) with UL requirements. We appreciate that you have a choice of certification providers and thank you for choosing UL.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at the factory location(s) identified on the Authorization Page of UL File E235235, Volume X2. You are required to send a copy of this letter to all manufacturing locations authorized under UL File E235235, Volume X2.

The Follow-Up Services Procedure covering your product(s) will typically be provided by UL within 10 business days. Any information and documentation provided to you involving the UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Products that bear the UL Mark must be identical to those submitted to UL for evaluation and certification and must comply with the Follow-Up Services Procedure covering your product(s). Additional requirements related to the responsibilities of the Applicant and Manufacturer can be found under **Additional Resources** at <https://www.ul.com/fus>.

A UL certification is a valuable marketing tool meaning your product or company has successfully met stringent requirements. We encourage you to use your UL Mark and certification in your marketing

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activities. You can find information on how to accurately promote your UL certification at <https://www.ul.com/marketing>.

If you have any questions, please contact me or any of our customer service representatives. And, congratulations again on your achievement!

Sincerely,

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