

ATTESTATION OF CONFORMITY

No. 23AS031149S368A005

The submitted sample of below equipment has been tested in according to EC Council Directive of 2014/35/EU with the following standards. The test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the principal protection requirement of the EC Council Directive of 2014/35/EU.

Report No. : S01A23031149S00501
Applicant : MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.
Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, P.R. China.
Manufacturer : Same as Applicant
Address : Same as Applicant
Description of Product : AC-DC converter
Model No. : See attachment model list
Trade Mark : **MORNSUN®**
Input Rating : 100-120VAC, 10A, 50/60Hz
200-240VAC, 6A, 50/60Hz
Output Rating : See attachment model list
Test Standards : EN IEC 62368-1:2020+A11:2020

After preparation of the necessary technical documentation as well as the EU declaration of conformity, the CE marking as below can be affixed on the product if all relevant effective EU-directives or regulations related to CE marking have been complied with. The EU declaration of conformity is issued under the sole responsibility of the applicant or manufacturer.



Test Laboratory



Bruce Yu
Director

Date of Issue: June 14, 2023



This attestation of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the production of the products.

As stated in Article 6 of Directive 2014/35/EU, "When placing their electrical equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the safety objectives referred to in Article 3 and set out in Annex I" and "Manufacturers shall draw up the technical documentation referred to in Annex III and carry out the conformity assessment procedure referred to in Annex III or have it carried out". This remains the responsibility of the manufacturer and is not covered as part of this certificate.

Dongguan Anci Electronic Technology Co., Ltd.

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Attachment

Model list

Model	Rating output voltage (V)	Rating output current (A,MAX)	Rating output power (W,MAX)	PCB type	Schematic type	shape of insulation sheet(under PCB)	Transformer
LM450-20BXX, LM450-20BXX-Z, LM450-20BXX-ZZ, LM450-20BXX-ZZ Z, LM450-20BXX*, LM450-20BXX*-Z, LM450-20BXX*-ZZ , LM450-20BXX*-ZZ Z	12	37.5	450.0	PCB1	SCH1	Type 1	51503419(A/0-A/9 , B/0-B/9)
	15	30	450.0	PCB1	SCH1	Type 2	51503473(A/0-A/9 , B/0-B/9)
	24	18.8	451.2	PCB2	SCH2	Type 2	51503450(A/0-A/9 , B/0-B/9)
	27	16.7	450.9	PCB2	SCH2	Type 2	51503450(A/0-A/9 , B/0-B/9)
	36	12.5	450	PCB2	SCH2	Type 2	51503451(A/0-A/9 , B/0-B/9)
	42	10.7	449.4	PCB2	SCH2	Type 2	51503579(A/0-A/9 , B/0-B/9)
	48	9.4	451.2	PCB2	SCH2	Type 2	51503452(A/0-A/9 , B/0-B/9)
LM450-20BYYY, LM450-20BYYY-Z, LM450-20BYYY-Z Z, LM450-20BYYY-Z ZZ, LM450-20BYYY*,	11.4-13.2	0-37.5	450.0	PCB1	SCH1	Type 1	51503419(A/0-A/9 , B/0-B/9)
	14.2-16.5	0-30	450.0	PCB1	SCH1	Type 2	51503473(A/0-A/9 , B/0-B/9)

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LM450-20BYYYY*-Z	22.8-26.4	0-18.8	451.2	PCB2	SCH2	Type 2	51503450(A/0-A/9 , B/0-B/9)
LM450-20BYYYY*-Z Z,							
LM450-20BYYYY*-Z ZZ	25.6-29.7	0-16.7	450.9	PCB2	SCH2	Type 2	51503450(A/0-A/9 , B/0-B/9)
	34.2-39. 6	0-12.5	450	PCB2	SCH2	Type 2	51503451(A/0-A/9 , B/0-B/9)
	39.9-46. 2	0-10.7	449.4	PCB2	SCH2	Type 2	51503579(A/0-A/9 , B/0-B/9)
	45.6-52. 8	0-9.4	451.2	PCB2	SCH2	Type 2	51503452(A/0-A/9 , B/0-B/9)

1. 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.
2. YYY mean output voltage is adjustable, can be 114-132, 142-165, 228-264, 256-297, 342-396, 39.9-46.2, 456-528, denote the output voltage, the step is 0.1V, such as YYY=114 is 11.4V, YYY=528 is 52.8V.
3. 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.
5. For "Z", "ZZ" and "ZZZ", each Z=A~Z or 0~9, any letter or number, for marketing purpose.