

EU DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: AC-DC converter

Model Number: LM1500-22B05, LM1500-22B05a, LM1500-22BXXX, LM1500-22BXXXa
(XXX=045-055, a= -QQ, -OEM, -YYY, -QQ-YYY, see model list for detail)

Product Description: See model list

Complies with the essential protection requirements of the Low Voltage Directive (Directive 2014/35/EU), Electromagnetic Compatibility (Directive 2014/30/EU), Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU) and their amendments (ROHS Directive (EU)2015/863).

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to Directive 2014/35/EU, Directive 2014/30/EU and Directive 2011/65/EU was performed by Mornsun based on the following standards:

- EN IEC 62368-1:2020+A11:2020
- EN 55032:2015+A11:2020
- EN 55035:2017+A11:2020
- EN 61000-3-3:2013+A1:2019+A2:2021
- EN IEC 63000:2018

An additional delta evaluation of the above-listed equipment concerning the differences between the requirements of the harmonized standard EN 62368-1:2014 (with all applicable corrections) and EN IEC 62368-1:2020, and IEC 62368-1:2018 has been performed and concludes that the safety objectives of the low-voltage targets (2014/35/EU) are met.

This declaration is the responsibility of the manufacturer:

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

No.8, Nanyun Road 4, Huangpu District GUANGZHOU, GUANGDONG 510670 China

Authorised person signing for the company:

Naiqing Xie Regulation Compliance Manager Of MORNSUN

Name in block letters & position in the company

Guangzhou, 13th September. 2024

Place & date

Legally valid signature

Model list:

Input voltage: 200-240Vac , 10A 50/60Hz				
Part number	Output voltage (V)	Output current (A,MAX)	Output power (W,MAX)	Transformer type
LM1500-22B05 LM1500-22B05a	5	200	1000	51503792(A/0-A/9、B/0-B/9) 51503598(A/0-A/9、B/0-B/9)
LM1500-22BXXX LM1500-22BXXXa	4.5-5.5	0-200	1000	51503792(A/0-A/9、B/0-B/9) 51503598(A/0-A/9、B/0-B/9)

Remark:

- (1)transformer (T401) of different models have the same bobbin、 core.
- (2)XXX stands for 2~3 digits.output voltage range is 4.5-5.5
2 digits represents the integer output voltage,and the step is 1V,such as 05 is 5.0V;
3 digits represents the decimal output voltage,and the step is 0.1V,such as 050 is 5.0V.
- (3)YYY stands for 1~3 digits, Y=A~Z any letter or 0~9 any number.
- (4)The step of the output current is 0.01A.
- (5)a= -QQ,-OEM, -YYY, -QQ-YYY.
- (6)"-QQ"means unit With Anti-corrosion paint add the suffix.