

# EU DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type:AC-DC Converter

Model Number: See model list

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 is based on the following standards:

- EN IEC 62368-1:2020+A11:2020
- IEC 62368-1:2018
- 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, 24rd January. 2024

*Place & date*

*Legally valid signature*

Model list:

| Input voltage:100-240Vac 3A 50-60Hz  |  |                                      |              |                  |
|--|--|--------------------------------------|--------------|------------------|
| Part number  | Output voltage                         | Output current                       | Output power | Transformer type |
| LM90-20A15   | Vo1:+15Vdc<br>Vo2:-15Vdc               | Io1:3A<br>Io2:3A                     | 90W          | 51501273(A0~A10) |
| LM90-20A24   | Vo1:+24Vdc<br>Vo2:-24Vdc               | Io1:1.875A<br>Io2:1.875A             | 90W          | 51501274(A0~A10) |
| LM90-20AYYY  | Vo1:+15V-(+16.5)V<br>Vo2:-15V-(-16.5)V | Io1:3-2.727A<br>Io2:3-2.727A         | 90W          | 51501273(A0~A10) |
|  | Vo1:+21.6V-(+24)V<br>Vo2:-21.6V-(-24)V | Io1:1.875-2.083A<br>Io2:1.875-2.083A | 90W          | 51501274(A0~A10) |
| <p>Remark:<br/>                     YYY=135-264 represents the output voltage,and the step is 0.1V, such as 135 is13.5V, 159 is 15.9V,and240 is 24V.</p> |  |                                      |              |                  |