

## 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 IEC 61000-3-2:2019+A1:2021  
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, 25th November. 2025

*Place & date*



*Legally valid signature*

Model list:

LOF600-20BXXXR2 Input voltage: 100-240Vac Input current: 7.0A 50/60Hz. LOF400-20BXXXR2 Input voltage: 100-240Vac Input current: 5.0A 50/60Hz.				
Part number	Output voltage (V)	Output current (A,MAX)	Output power (W,MAX)	Transformer type
LOF600-20B24R2 LOF600-20B24R2-YYY	24	Air cooling:16.7 23CFM:25.0	Air cooling:400.8 23CFM:600.0	51511065 (A/0-A/9,B/0-B/9)
LOF600-20B48R2 LOF600-20B48R2-YYY	48	Air cooling:8.3 23CFM:12.5	Air cooling:398.4 23CFM:600.0	51511066 (A/0-A/9,B/0-B/9)
LOF400-20B12R2 LOF400-20B12R2-YYY	12	Air cooling:20.8 23CFM:33.3	Air cooling:249.6 23CFM:399.6	51511012 (A/0-A/9,B/0-B/9)
LOF400-20B24R2 LOF400-20B24R2-YYY	24	Air cooling:10.5 23CFM:16.7	Air cooling:252.0 23CFM:400.8	51511013 (A/0-A/9,B/0-B/9)
LOF400-20B48R2 LOF400-20B48R2-YYY	48	Air cooling:5.3 23CFM:8.4	Air cooling:254.4 23CFM:403.2	51511014 (A/0-A/9,B/0-B/9)
LOF600-20BXXXR2 LOF600-20BXXXR2-YYY	22.8-25.2	Air cooling:0-16.7 23CFM:0-25.0	Air cooling:400.8 23CFM:600.0	51511065 (A/0-A/9,B/0-B/9)
	45.6-50.4	Air cooling:0-8.3 23CFM:0-12.5	Air cooling:398.4 23CFM:600.0	51511066 (A/0-A/9,B/0-B/9)
LOF400-20BXXXR2 LOF400-20BXXXR2-YYY	11.4-12.6	Air cooling:0-20.8 23CFM:0-33.3	Air cooling:249.6 23CFM:399.6	51511012 (A/0-A/9,B/0-B/9)
	22.8-25.2	Air cooling:0-10.5 23CFM:0-16.7	Air cooling:252.0 23CFM:400.8	51511013 (A/0-A/9,B/0-B/9)
	45.6-50.4	Air cooling:0-5.3 23CFM:0-8.4	Air cooling:254.4 23CFM:403.2	51511014 (A/0-A/9,B/0-B/9)
<p><b>Remark:</b></p> <p>(1)XXX stands for 2~3 digits,output voltage range is 11.4-12.6V,22.8-25.2V,45.6 -50.4V 2 digits represents the integer output voltage,,and the step is 1V,such as 24 is 24V; 3 digits represents the decimal output voltage,and the step is 0.1V,such as 248 is 24.8V.</p> <p>(2)YYY stands for 1~3 digits. Y=A~Z any letter or 0~9 any number.</p> <p>(3)The step of the output current is 0.01A.</p> <p>(4)The maximum output current and maximum output power shall not exceed the rated value.</p>				