

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 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, 14th April. 2026

Place & date



Legally valid signature

Model list:

Input voltage: 100--120Vac (The switch is set at 115VAC) 10A 50/60Hz Input voltage: 200--240Vac (The switch is set at 230VAC) 6A 50/60Hz				
Part number	Output voltage(V)	Output current (A,MAX)	Output power (W,MAX)	Transformer type
LM450-20B12S LM450-20B12S-C LM450-20B12S-Q LM450-20B12S-QQ LM450-20B12S-CQ LM450-20B12S-CQQ LM450-20B12S-YYY LM450-20B12S-C-YYY LM450-20B12S-Q-YYY LM450-20B12S-QQ-YYY LM450-20B12S-CQ-YYY LM450-20B12S-CQQ-YYY	12V	37.5A	450W	51503419(A/0 ~A/9)(B/0~ B/9)
LM450-20B15S LM450-20B15S-C LM450-20B15S-Q LM450-20B15S-QQ LM450-20B15S-CQ LM450-20B15S-CQQ LM450-20B15S-YYY LM450-20B15S-C-YYY LM450-20B15S-Q-YYY LM450-20B15S-QQ-YYY LM450-20B15S-CQ-YYY LM450-20B15S-CQQ-YYY	15V	30A	450W	51503473(A/0 ~A/9)(B/0~ B/9)
LM450-20B24S LM450-20B24S-C LM450-20B24S-Q LM450-20B24S-QQ LM450-20B24S-CQ LM450-20B24S-CQQ LM450-20B24S-YYY LM450-20B24S-C-YYY LLM450-20B24S-Q-YYY LM450-20B24S-QQ-YYY LM450-20B24S-CQ-YYY LM450-20B24S-CQQ-YYY	24V	18.8A	451.2W	51503450(A/0 ~A/9)(B/0~ B/9)

LM450-20B27S LM450-20B27S-C LM450-20B27S-Q LM450-20B27S-QQ LM450-20B27S-CQ LM450-20B27S-CQQ LM450-20B27S-YYY LM450-20B27S-C-YYY LM450-20B27S-Q-YYY LM450-20B27S-QQ-YYY LM450-20B27S-CQ-YYY LM450-20B27S-CQQ-YYY	27V	16.7A	450.9W	51503450(A/0 ~A/9)(B/0~ B/9)
LM450-20B36S LM450-20B36S-C LM450-20B36S-Q LM450-20B36S-QQ LM450-20B36S-CQ LM450-20B36S-CQQ LM450-20B36S-YYY LM450-20B36S-C-YYY LM450-20B36S-Q-YYY LM450-20B36S-QQ-YYY LM450-20B36S-CQ-YYY LM450-20B36S-CQQ-YYY	36V	12.5A	450W	51503451(A/0 ~A/9)(B/0~ B/9)
LM450-20B48S LM450-20B48S-C LM450-20B48S-Q LM450-20B48S-QQ LM450-20B48S-CQ LM450-20B48S-CQQ LM450-20B48S-YYY LM450-20B48S-C-YYY LM450-20B48S-Q-YYY LM450-20B48S-QQ-YYY LM450-20B48S-CQ-YYY LM450-20B48S-CQQ-YYY	48V	9.4A	451.2W	51503452(A/0 ~A/9)(B/0~ B/9)
LM450-20BXXXS LM450-20BXXXS-C LM450-20BXXXS-Q LM450-20BXXXS-QQ LM450-20BXXXS-CQ	11.4V-13.2V	34.1A-37.5A	450W	51503419(A/0 ~A/9)(B/0~ B/9)
	14.25V-16.5V	27.27A-30A	450W	51503473(A/0 ~A/9)(B/0~ B/9)

LM450-20BXXXS-CQQ LM450-20BXXXS-YYY	22.8V-26.4V	17.1A-18.8A	451.2W	51503450(A/0 ~A/9)(B/0~ B/9)
LM450-20BXXXS-C-YYY LM450-20BXXXS-Q-YYY LM450-20BXXXS-QQ-YYY	25.65V-29.7V	15.18A-16.7A	450.9W	51503450(A/0 ~A/9)(B/0~ B/9)
LM450-20BXXXS-CQ-YYY LM450-20BXXXS-CQQ-YYY	34.2V-39.6V	11.36A-12.5A	450W	51503451(A/0 ~A/9)(B/0~ B/9)
	45.6V-52.8V	8.54A-9.4A	451.2W	51503452(A/0 ~A/9)(B/0~ B/9)

Remark:

(1)XXX stands for 2~3 digits,output voltage range is 11.4V-13.2V,14.25V-16.5V,22.8V-26.4V,25.65V-29.7V,34.2V-39.6V,45.6V-52.8V;

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.

(2)YYY stands for 1~3 digits, Y=A~Z any letter or 0~9 any number, Represent different clients.

(3)The step of the output current is 0.01A.

(4)Under any conditions, the total power of the product should not exceed the rated power. When the output voltage is increased, the total output power cannot exceed the rated output power, when the output voltage is decreased, the output current cannot exceed the rated output current.

(5)Suffix -C means AC connector with protective cover;

(6)Suffix -Q means PCB with Anti-corrosion paint;

(7)Suffix -QQ means PCB with Anti-corrosion paint for double side;

(8)Suffix -CQ means PCB with Anti-corrosion paint and AC connector with protective cover;

(9)Suffix -CQQ means PCB with Anti-corrosion paint for double side and AC connector with protective cover.