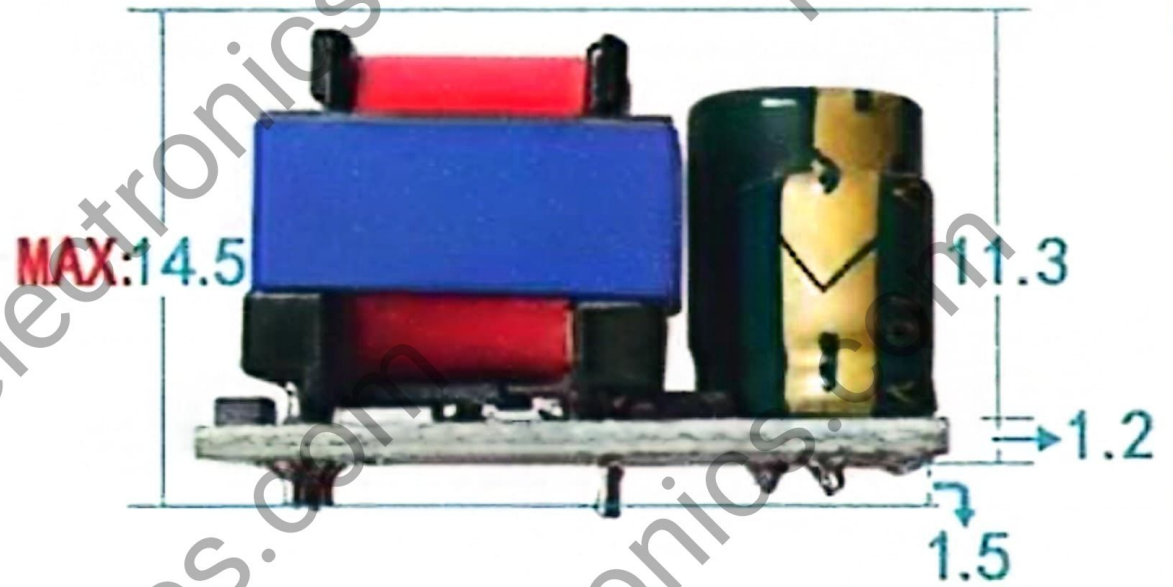
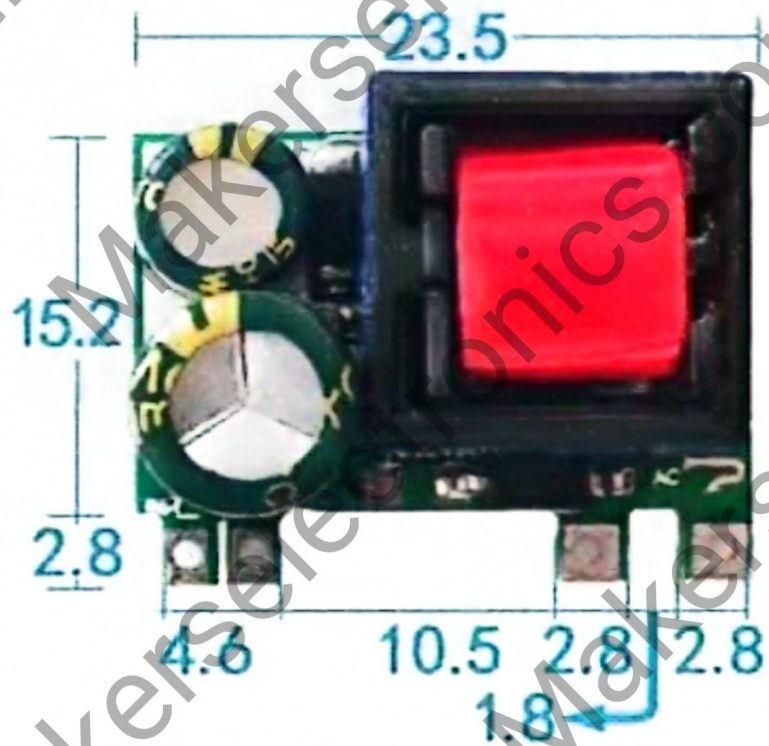


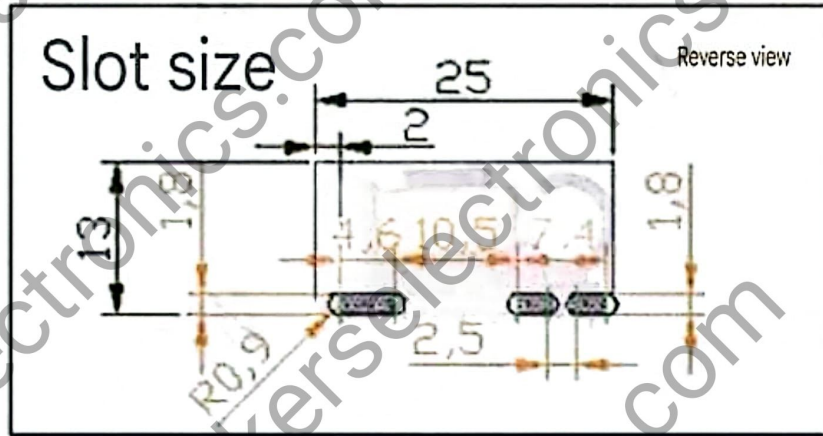
Power supply size
DESK LAMP IS PREFERRED



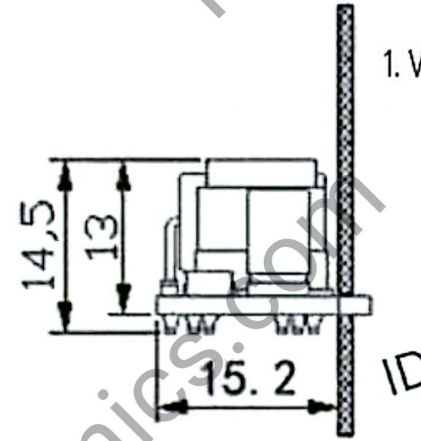
(Unit: mm/millimeter)

Schematic diagram of vertical installation method

DESK LAMP IS PREFERRED

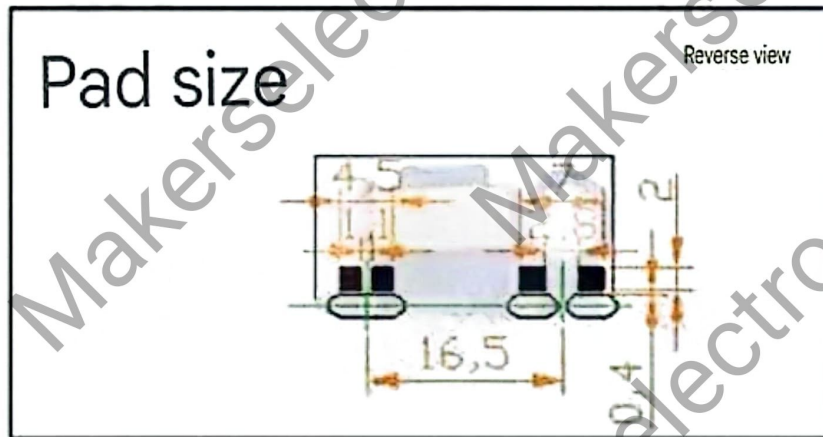


3W module has the same pinout as 5W module

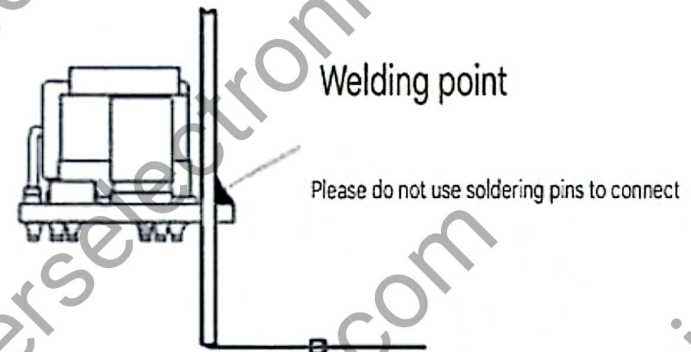


Please slot the circuit board according to the dimensions in the

left figure. The pad is on the back of the board. To increase the strength of the pad, the circuit should be as wide as possible.

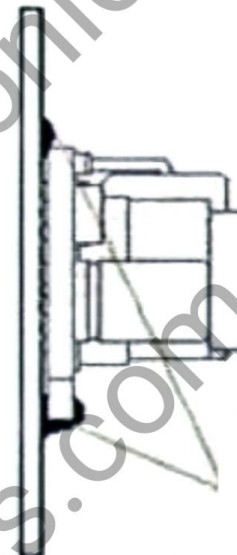
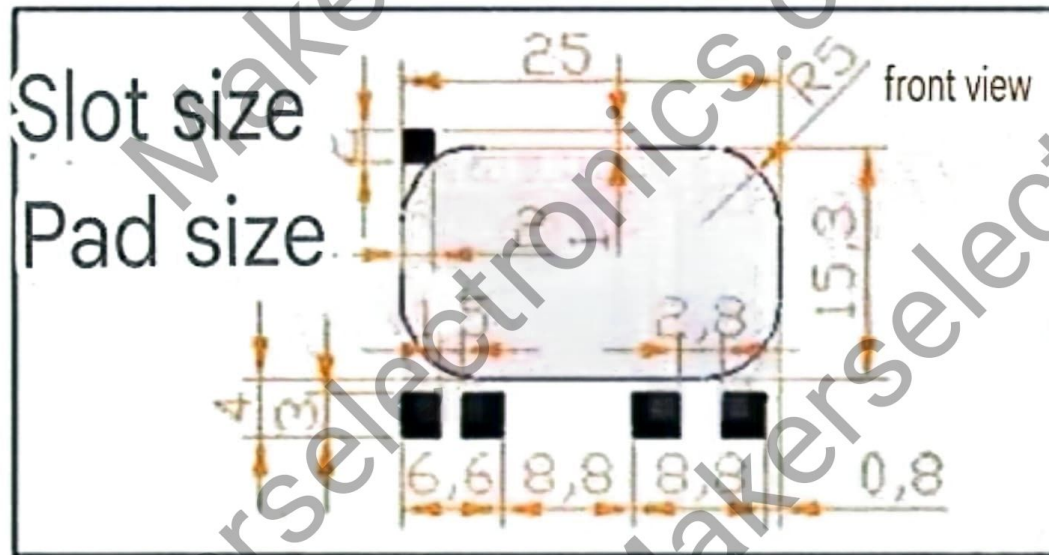


Try not to arrange any circuits under the power module to avoid short circuits.



Schematic diagram of horizontal patch installation method

DESK LAMP IS PREFERRED



2. Horizontal patch installation method

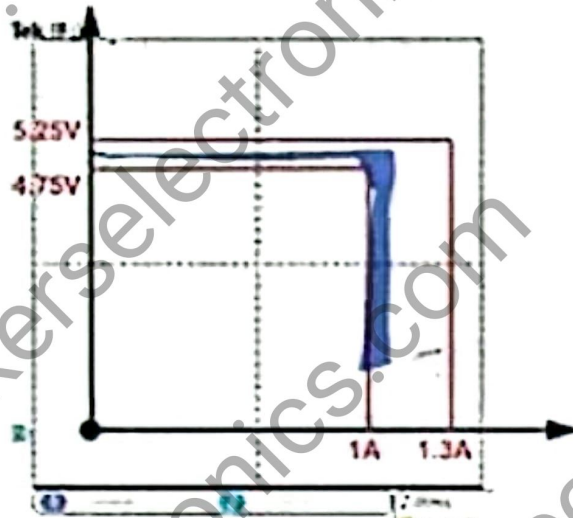
Soldering points (not reflowable)

Please cut the circuit board according to the dimensions shown on the left.

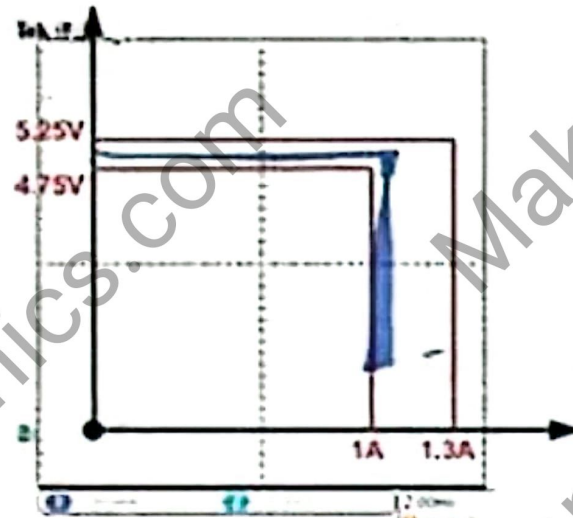
Output voltage characteristics (at 5V)

DESK LAMP IS PREFERRED

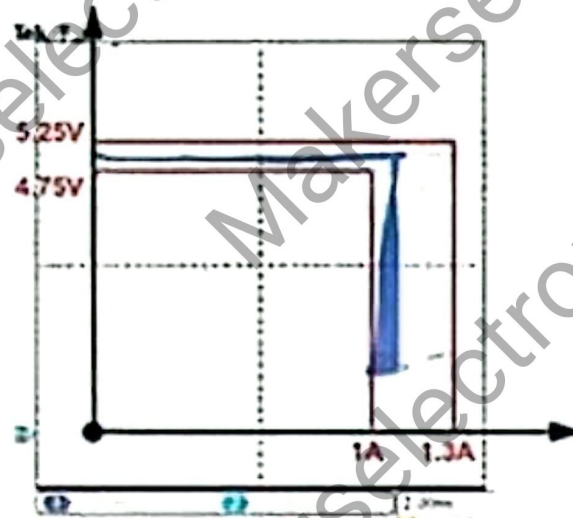
ARTIFICIAL LIGHT SOURCES FOR THE HOME AND OFFICE
LAMP WITH DIMMER SWITCH
LAMP WITH DIMMER SWITCH



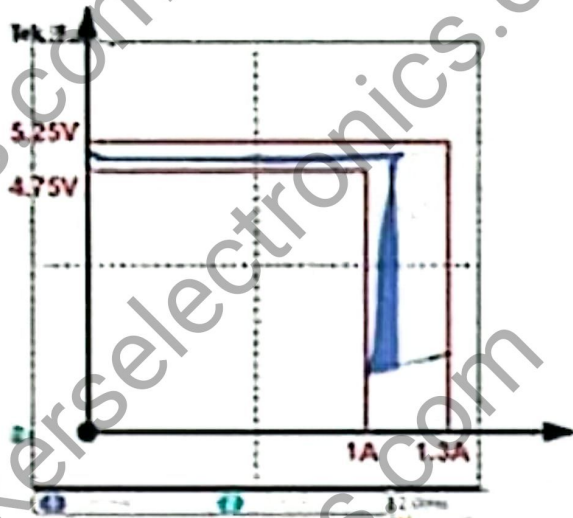
Vin=90Vac/60Hz



Vin=115Vac/60Hz



Vin=230Vac/50Hz

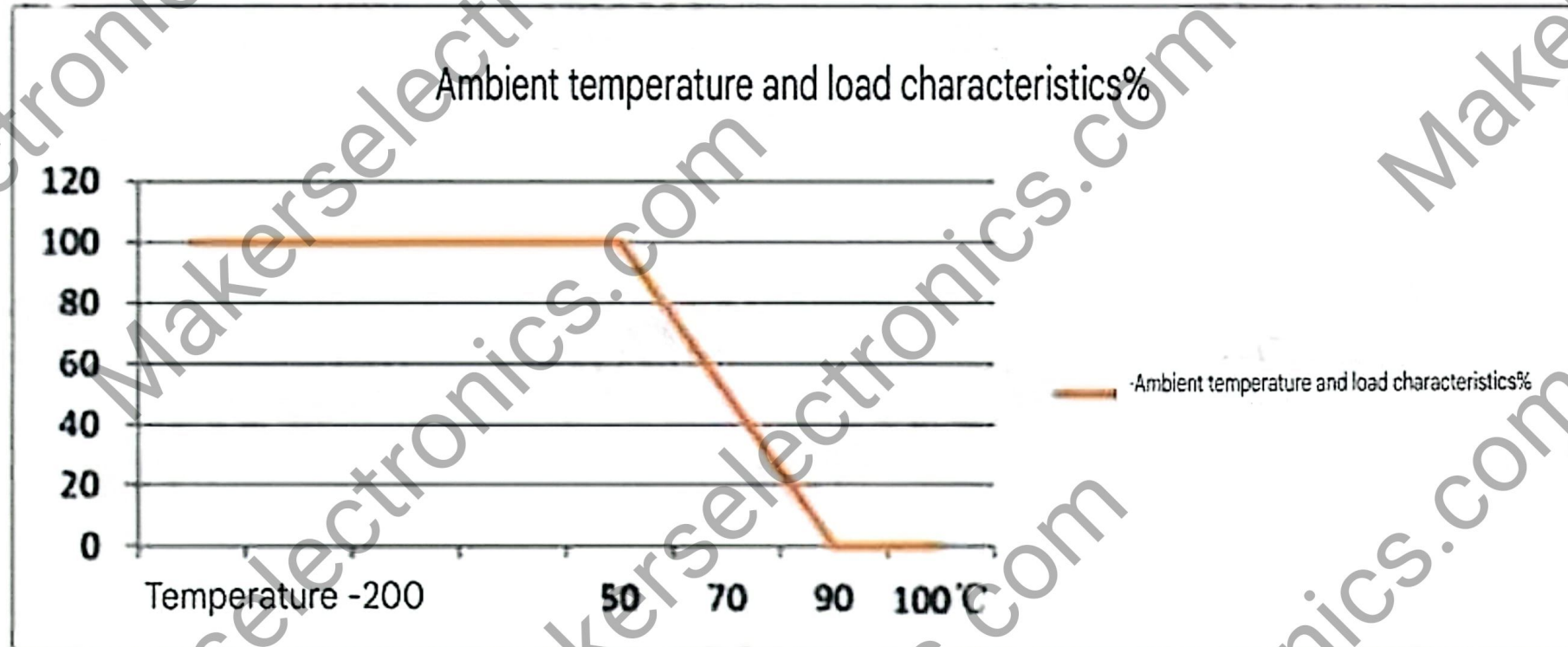


Vin=264Vac/50Hz

Ambient temperature and load relationship

DESK LAMP IS PREFERRED

Product of the LED lighting technology is a high-quality, energy-saving lighting source. The LED lighting source is a high-quality, energy-saving lighting source. The LED lighting source is a high-quality, energy-saving lighting source.



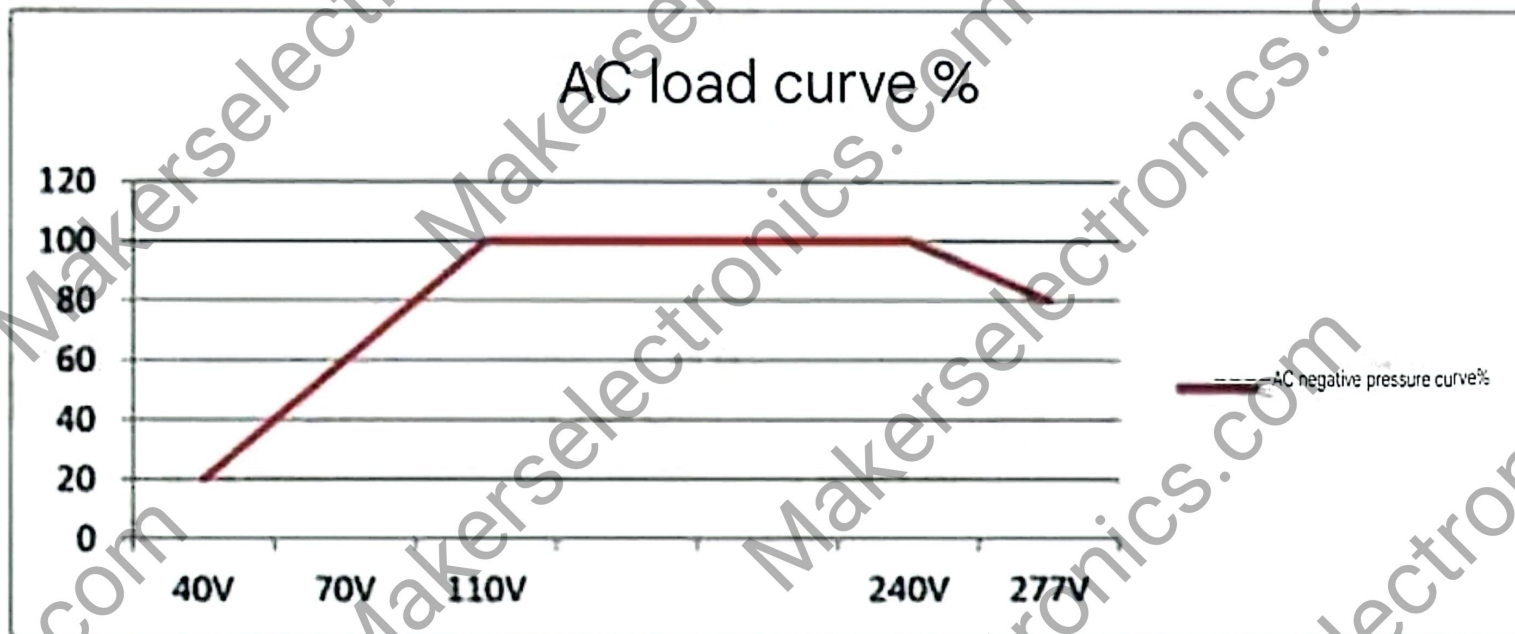
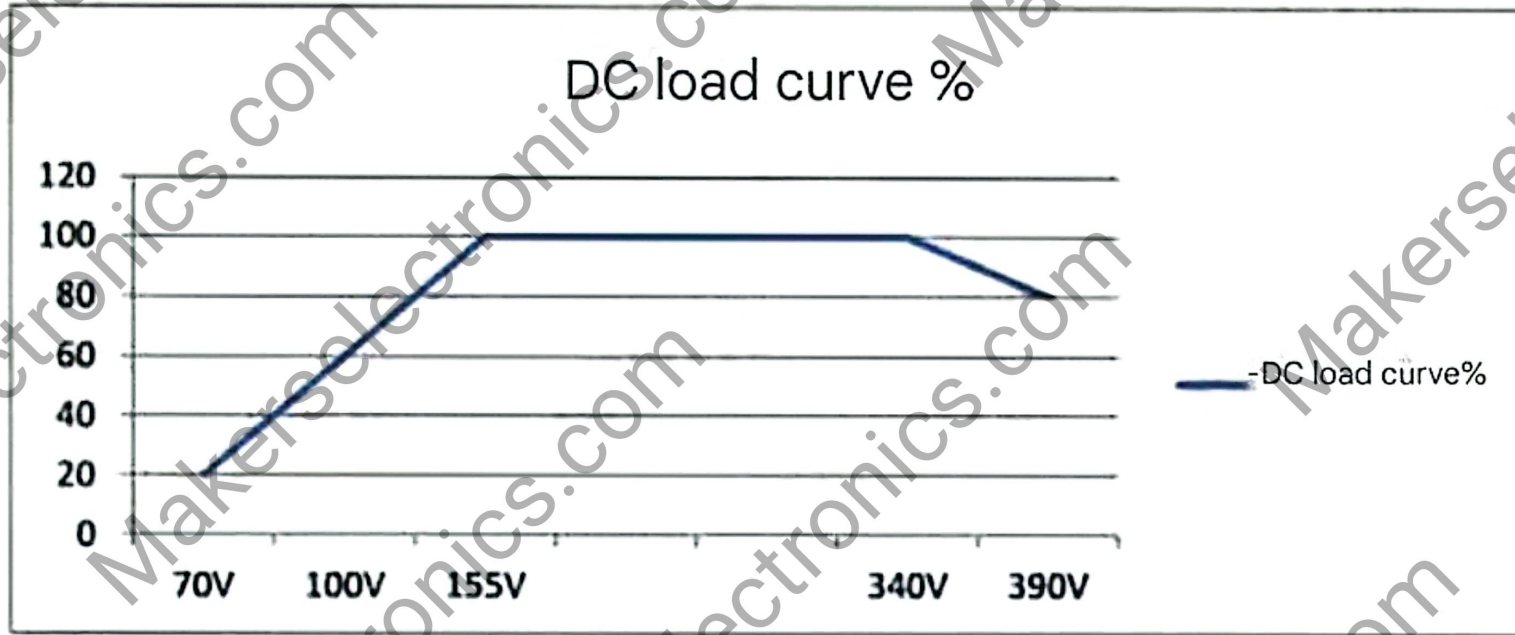
100% load current is allowed when the ambient temperature is below 50°C, 50% at 70°C. It is not available when it is above 90°C, and forced over-temperature protection is required at an operating temperature of 105°C.

When the ambient temperature is below 50°C and the load current is less than 70% of the full load, it is allowed to work continuously for 24 hours a day. The service life of the advanced model is more than 5 years, and the service life of the ordinary model is more than 1 year.

When the ambient temperature is below 50°C and the load current is less than 50% of the full load, the service life of the advanced model is more than 10 years and the service life of the ordinary model is more than 2 years if the model is used continuously for 24 hours a day. The service life of the advanced model is about 20 years if it is used intermittently.

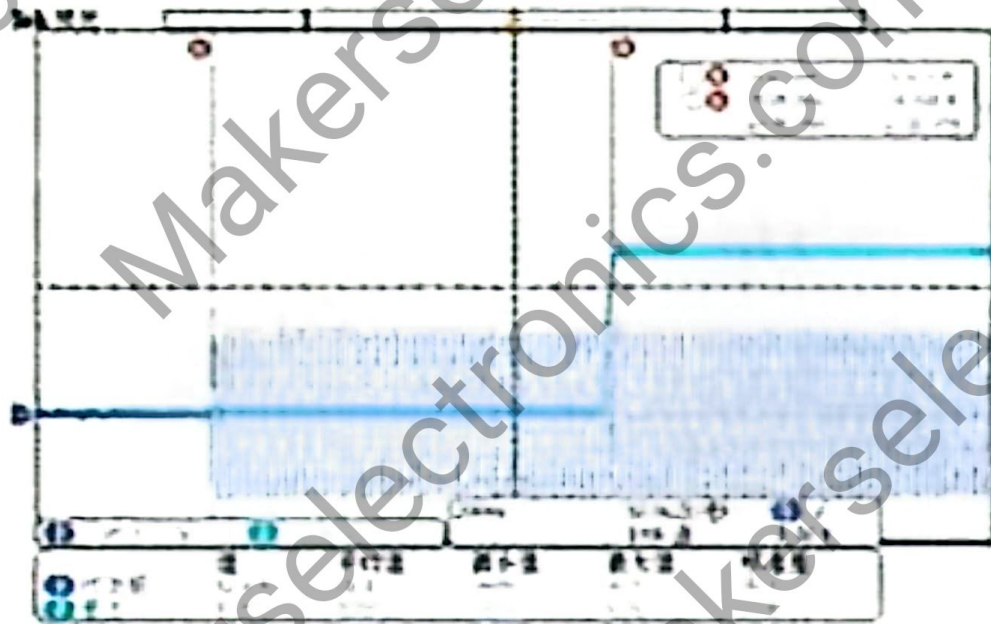
Working voltage range and load characteristics

DESK LAMP IS PREFERRED



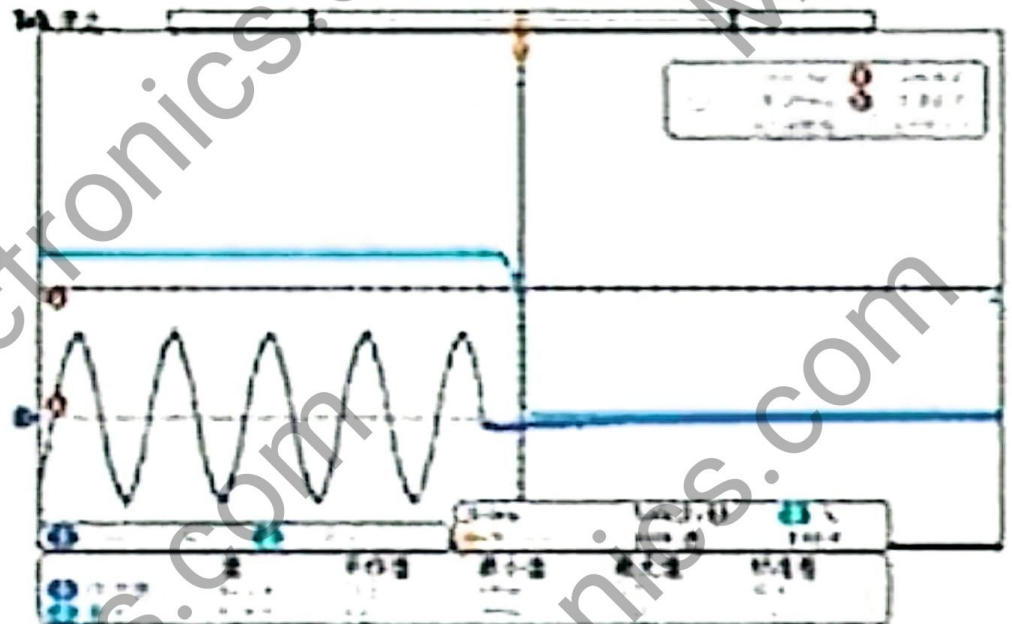
Start time

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$T_{\text{Turn-on Delay}} = \underline{0.836\text{S}}$

90Vac/60Hz, Full Load

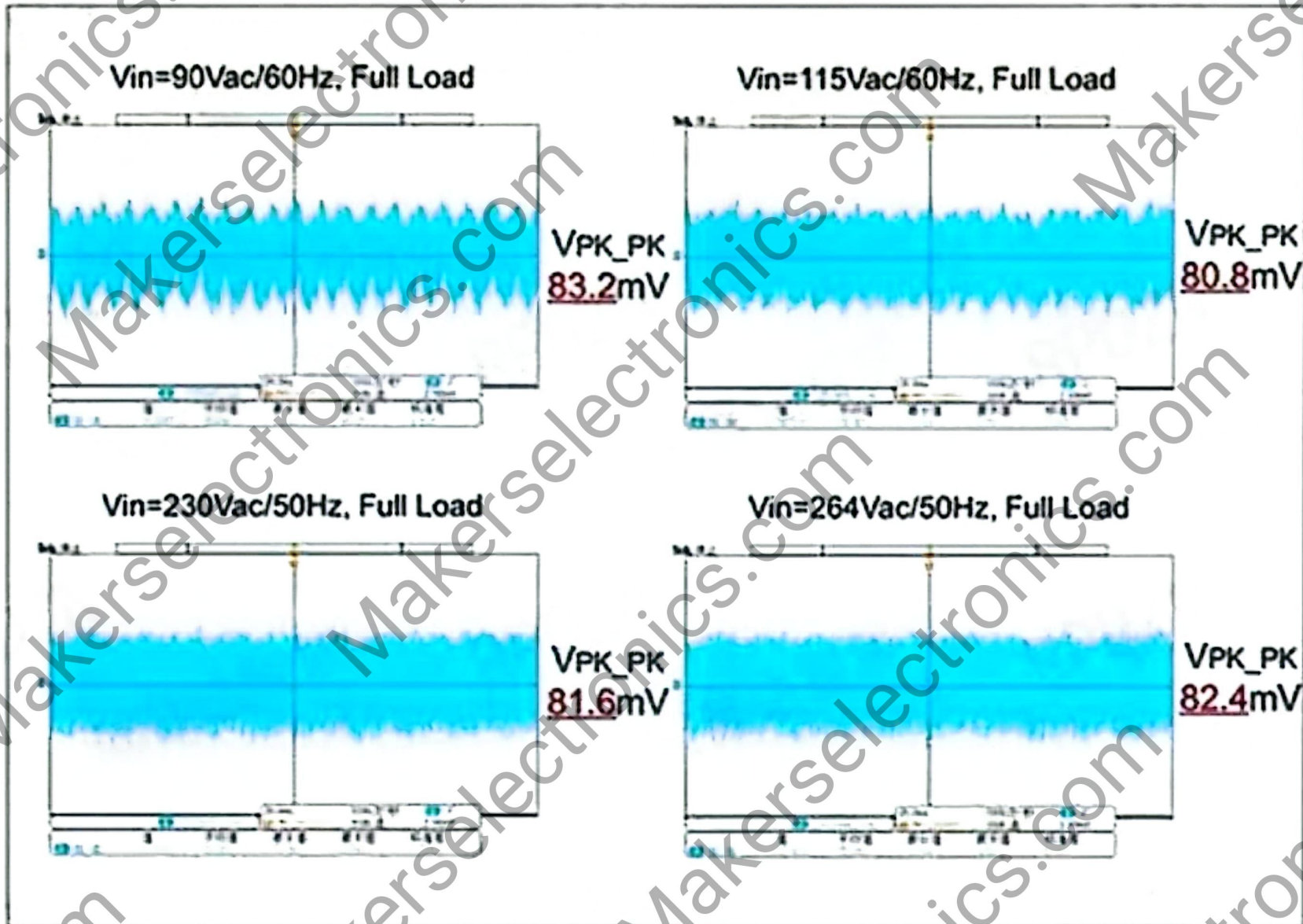


$T_{\text{Hold up}} = \underline{7.400\text{mS}}$

90Vac/60Hz, Full Load

RIPPLE AND

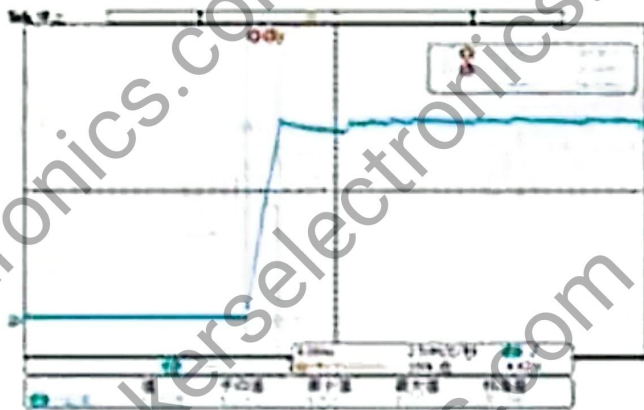
NOISE DESK LAMP IS PREFERRED



Load Regulation and Rise Time

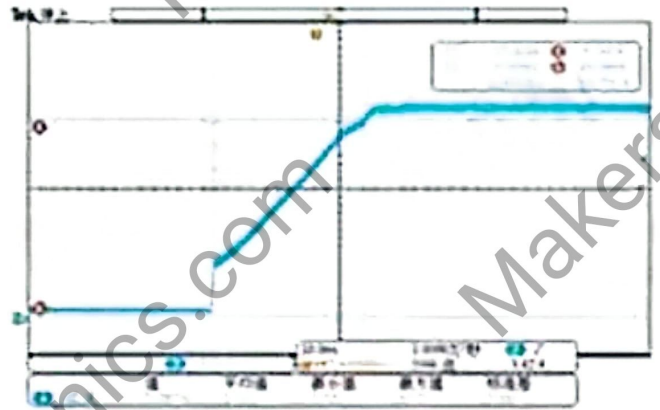
DESK LAMP IS PREFERRED

Vin=90Vac/60Hz, No Load



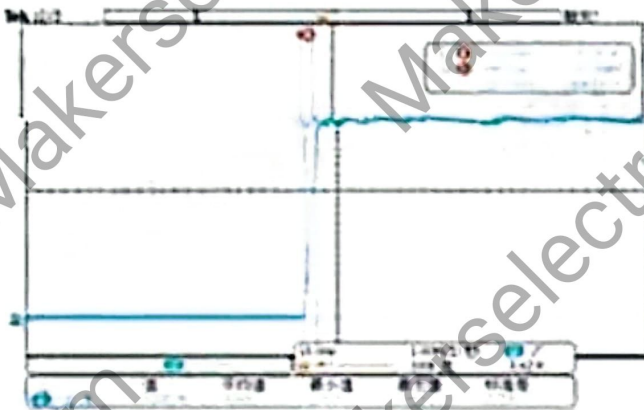
Vos= 4.237%
T_RT=2.08mS

Vin=90Vac/60Hz, Full Load



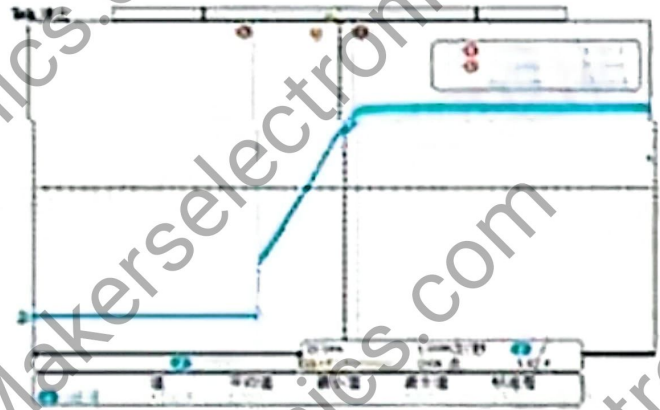
Your 5.000%
T_RT=24.7mS

Vin=264Vac/50Hz, No Load



Vos= 5.042%
T_RT=2.00mS

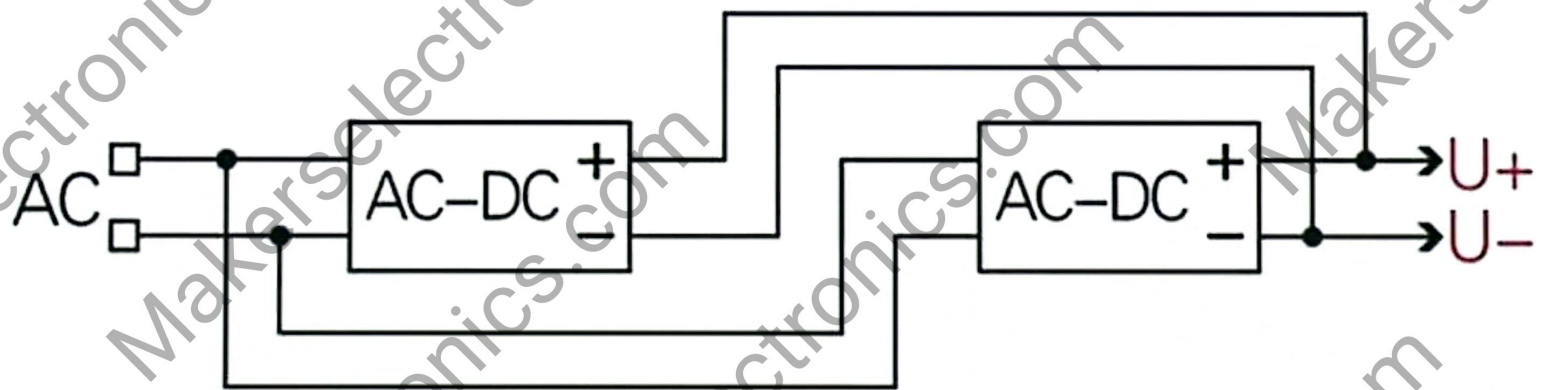
Vin=264Vac/50Hz, Full Load



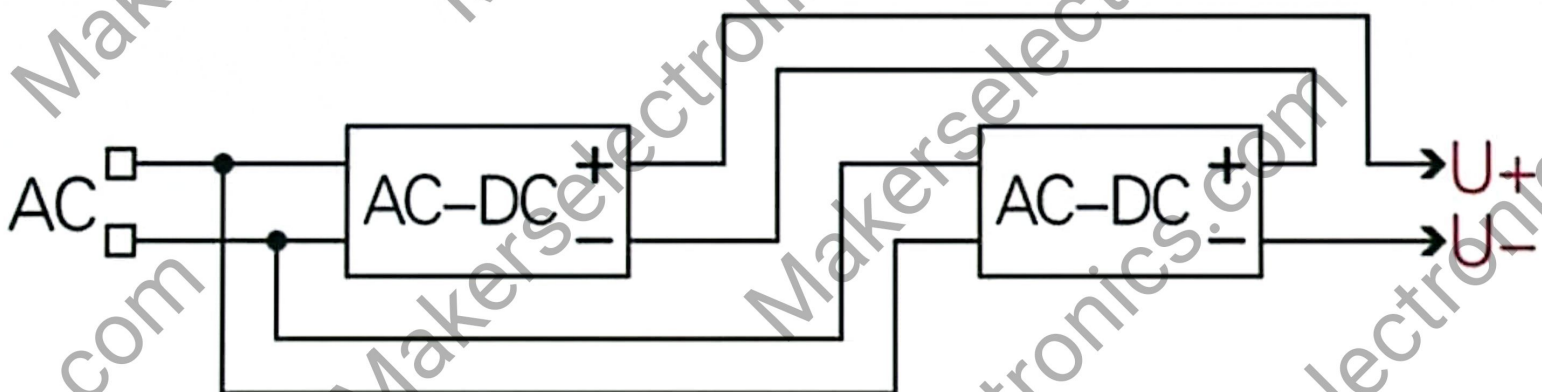
Vos= 4.032%
T_RT=16.1mS

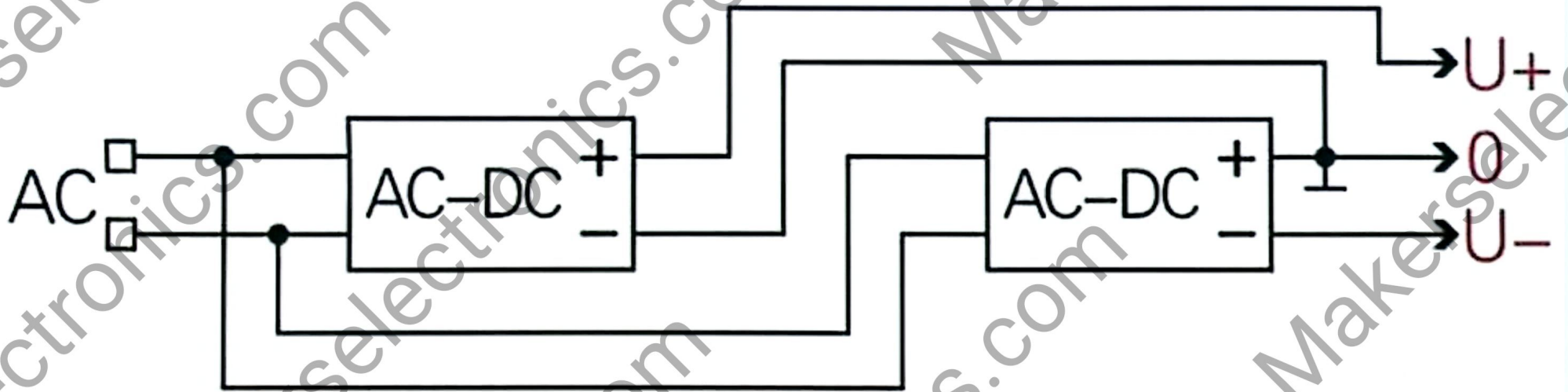
Ruipuda module supports the following applications

Double modules in parallel



Double modules in series





Dual modules share ground

