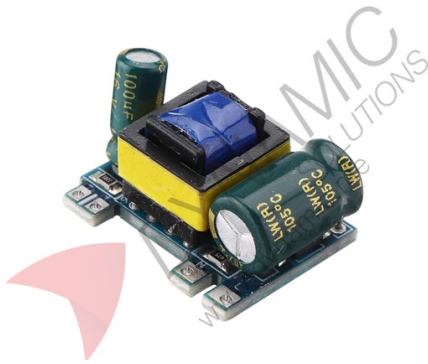


AC-DC Isolated Power Supply Module 12V 300mA 3.5W (Buck Converter)



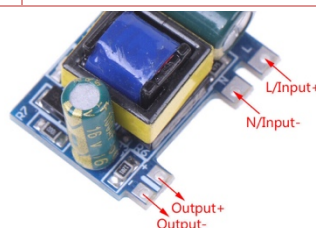
Features:

The 12V 300mA AC-DC Isolated Power Supply Module delivers 3.5W of stable output with wide input range from AC 50–277V or DC 70–390V. Designed for control systems and microcontroller boards, it features overvoltage, overcurrent, and thermal protection with an indicator light for operation status. Its compact design, isolation, and efficiency make it perfect for embedded applications requiring safe and reliable power conversion.

Specifications	
Input Voltage Range	AC 50–277V / DC 70–390V
Output Voltage	12V \pm 0.3V
Output Current	0–300mA
Output Power	3.5W (efficiency \approx 80%)
No-load Power Consumption	<0.05W
Ripple	\approx 100mV (at 50% load)
Protection Features	Overvoltage, Overcurrent, Overtemperature, Overpower, Short circuit
Indicator Light	Green LED (output status)
Module Type	Isolated Buck Converter
Size	23.5 \times 18.2 \times 13.5 mm
Operating Temperature	-20°C to +70°C
Usage	Ideal for control boards, microcontrollers, and compact power systems

Pinouts:

Pin Name	Type	Description
L/Input+	Input	AC Live Input
N/Input-	Input	AC Neutral Input
OUT+ VCC	Output	12V DC Output
OUT- GND	Output	Power Ground



Product Pictures:

