

TP3096 Series High Voltage Pulse Power Supply

**Compact Model, up to $\pm 3\text{kV}$, 150A,
Pulse Width, Adjustable Voltage**



TP3096 Series Power Supply is a small, functional, stable performance of high voltage pulse power supply. This high voltage pulse power supply can not only provide the high voltage required by users, but also realize the adjustment of voltage amplitude. At the same time, it takes into account the safety considerations. It adopts the isolated trigger mode of optical fiber, which can well meet the needs of users.

- + 15V DC Input
- Pulse Voltage Amplitude $\pm 3\text{kV}$
- Pulse Current $> 150\text{A}$
- The Amplitude Of Pulse Voltage Can Be Adjusted
- Pulse Rising Edge Time $< 200\text{ns}$
- Pulse Falling Edge Time $< 200\text{ns}$

Typical Application:
Biological experiments.

Specifications:

Input Voltage:

DC15V, $\pm 10\%$;

Output Pulse Voltage:

Maximum: $\pm 3\text{KV}$ adjustable

Pulse Current:

$> 150\text{A}$;

Pulse Width:

$1 \sim 10 \mu\text{s}$;

Pulse Rise Time:

$< 200\text{ns}$;

Pulse Fall Time: $< 200\text{ns}$;

Pulse Control Mode:

External fiber trigger, $1 \mu\text{s} \sim 1\text{ms}$;

Pulse Voltage Accuracy:

$< 2\%$;

Voltage Regulation:

Adjust the amplitude of output voltage through upper computer software;

Pulse Width Adjustment:

Adjust by upper computer software;

Connectors:

The total length of high voltage cable with SHV joint is 1m;

Power input connector: standard power terminal;

Environmental:

Operational: 0 to $+ 50 \text{ }^\circ\text{C}$,

Stored: $-20 \text{ }^\circ\text{C}$ to $+ 80 \text{ }^\circ\text{C}$.

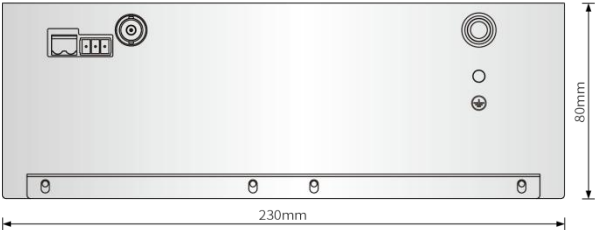
Overall Dimensions:

The width is 230mm, the height is 80mm and the depth is 210 mm.

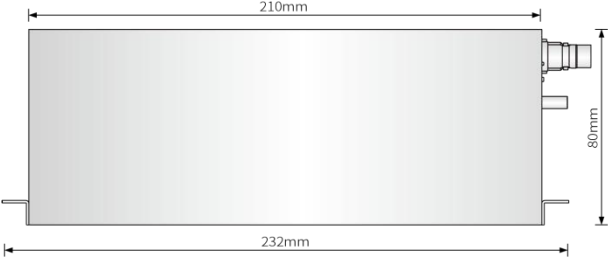
Weight:

About 1.2 kg.

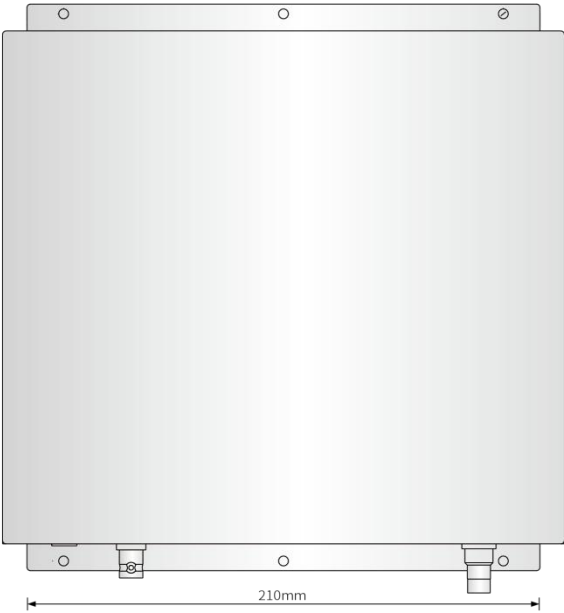
Overall Dimensions: mm



Front View



Side View



Top View