

TP3210 Series High Voltage Suspension Pulse Power Supply



High Floated Voltage Pulse Generator with Small Voltage and Adjustable Voltage, Pulse Width and Frequency of Up to $\pm 3\text{kV}$

TP3210 Series Power Supply is a small, functional, stable high voltage suspension pulse power supply. Its main application is clinical medicine. This high voltage pulse power supply can not only provide the high voltage required by users, but also realize the adjustment of voltage amplitude, pulse width and frequency. At the same time, it takes into account the safety considerations. It adopts the isolated communication mode of optical fiber, which can well meet the needs of users.

- 220V AC Input
- Pulse Voltage Amplitude $\pm 3\text{kV}$
- Pulse Voltage Amplitude, Pulse Width And Frequency Are Adjustable
- Pulse Rising Edge Time $< 200\text{ns}$
- Pulse Falling Edge Time $< 200\text{ns}$

Typical Application:
Electrical ablation.

Specifications:

Input Voltage:

AC220V, $\pm 10\%$;

Output Pulse Voltage:

Adjustable, max. 3kV bipolar output only;

Average Output Power: $<500\text{W}$

Pulse Width:

1 ~ 100 μs ;

Pulse Frequency:

1k~ 5kHz adjustable;

Pulse Rise Time:

$< 200\text{ns}$;

Pulse Fall Time:

$< 200\text{ns}$;

Pulse Control Mode:

External TTL trigger, internal optocoupler isolation; Computer upper computer; Optical fiber communication;

Pulse Voltage Accuracy: $< 2\%$;

Pulse Adjustment:

Adjust the output voltage amplitude, pulse width and frequency through the upper computer;

Connectors:

Double-core high-voltage output connector: high-voltage pulse power supply outputs high voltage through double-core connector, and the total length of high-voltage cable is 1 meter;

Power input connector: standard power terminal;

Pulse trigger connector: BNC connects TTL trigger interface;

Optical communication connector: optical fiber jumper HFBR4532Z

Environmental:

Operational: 0 to + 50 °C, Stored: -20 °C to + 80 °C.

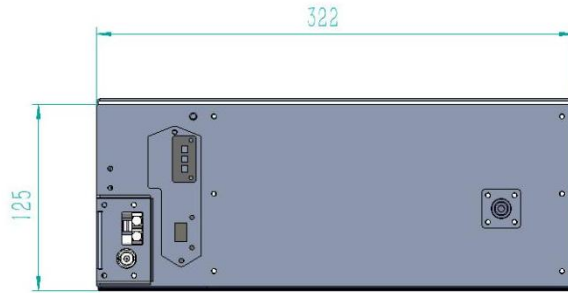
Overall Dimensions:

The width is 322mm, the height is 125mm and the depth is 430mm.

Weight:

About 25kg..

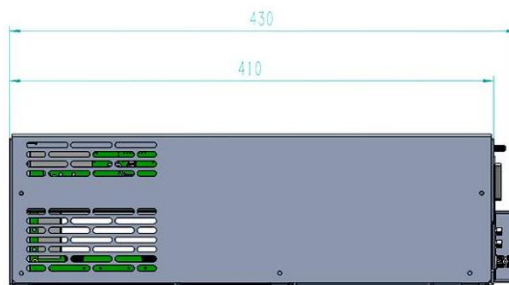
Overall Dimensions: mm



Front View



Side View



Top View