

TM6035Series

Module High voltage power supply

1.7kV,8.33W



Teslaman TM6035 series is an intelligent modular high-voltage power supply. It can meet the needs of customers' various control setting functions, comprehensive and fast voltage and current transient response capabilities, and ensure the trouble-free operation of the power supply. This series of products are small in size, fully functional, safe and reliable.

- Maximum output voltage 1.7kV
- Maximum output power 8.33W
- Overcurrent/Full protection of electric arc

Typical applications:

The helium-neon gas laser is adapted to the power supply.

Specifications:

Input: DC-15V \pm 10%.

Output: Maximum voltage 1.7kV, 4.9mA, uni-polarity output.

Voltage and current control: Constant current control.

Ripple voltage: Less than 1% V_{rms} under rated voltage.

Environmental:

Operational: 0°C to +50°C.

Storage: -20°C to +80°C.

Temperature coefficient: Voltage and current are better than 0.01% per °C.

Stability: less than 0.1% every 8 hour, after warm-up for half hour.

Humidity: 10-90% non-condensing.

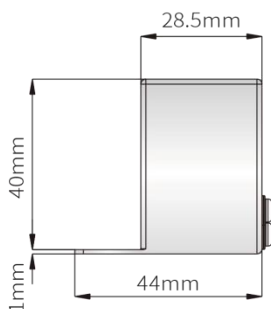
External dimensions: Wide 44mm, 41mm high and 132mm deep.

Weight: 360g.

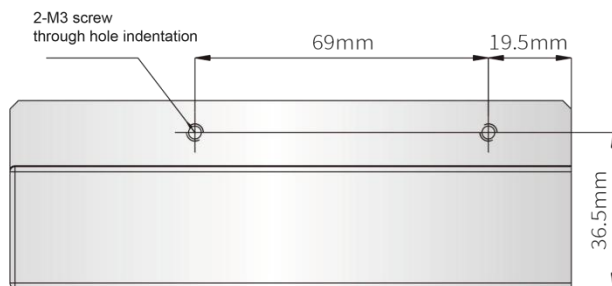
High-voltage output Cable:

The power supply comes with an unshielded high-voltage cable. The standard high-voltage cable length is 0.2 meters, 3.8 mm outer diameter, non-pluggable.

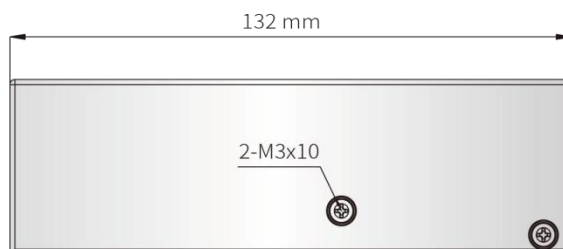
External dimensions: mm



Front view



Top view



Side view