

Power Supply
SPECIFICATION &
Quick MANNUAL
(Model : PS-EXUV-250/F)

2020.05.15



Quick Mannual

1. INSTALLATION

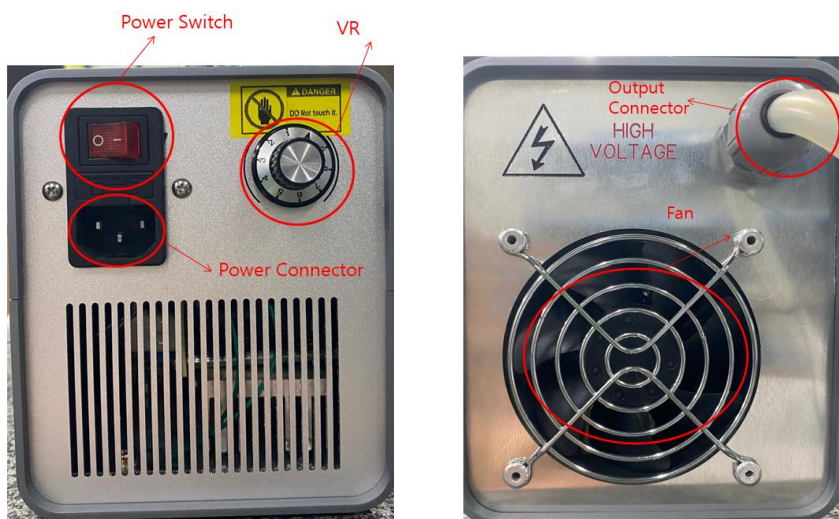
1.1 Install in a well-ventilated room with little moisture and dust.

1.2 Connect with AC110V/220V, 1PH 50/60Hz and ground must be connected.

1.3 Please note that the output connector is on the rear side and high voltage is generated. .

2. Key Interface

2.1 Front / Rear



Case Size : 230 * 120 * 90 mm

2.2 Front VR

Used for adjusting Lamp voltage

2.3 Front Power Switch

Lamp On/Off Switch (CLOSE: "ON", OPEN: "OFF")

2.4 Front Power Connector

Used for Input power connection AC110V/AC220V

2.5 Rear Output connector

Used for connection with a Lamp

2.6 Rear FAN

Enforced cooling FAN

3. OPERATION

- 3.1. Connect to the high voltage line and ground line of the lamp exactly..
- 3.2 Connect the device power
- 3.3 Press the power switch to turn on the lamp.
- 3.4 Adjust to front VR dial to meet the required UV intensity.

*. Cautions

When touching the lamp output line, be sure to remove the power line.

If the output wire is shorted while the device is operating, the device will be damaged.

4. Key Specification

- 4.1. Input Power : AC110V / AC 220V, 1PH 50 / 60 Hz
Power Factor 90 % above
- 4.2. Input voltage range: 180 - 230 V (PFC built in)
- 4.3. Output Waveform : Pulsed wave
- 4.4. Output voltage : Max. 11.4 kVpp
- 4.5. Output Frequency : 70 ± 2 kHz (MAX 85 kHz)
- 4.6. Output Pulse width : 4 μ s
- 4.7. Output control method : Constant voltage control
- 4.8. DC voltage adjusting range : 315 - 403 V (variable resistance adjustment range)
- 4.9. Waveform conversion method : HALF BRIDGE INVERTER
- 4.10. Cooling Method : Enforced Air cooling by FAN