

# Power Units

## 100-SPU & 101-SPU Anti-static Power Unit



The Model 100 compact type power supplies are the power supplies designed for state-of-the-art high-performance SET-ION AC static eliminators.



The Model 100 power supply converts mains voltage AC (230V) input into AC low current high voltage and transmits to SET-ION AC static eliminators in a controlled and safe way.



Model 100 has a compact and small structure and it provides fast and easy connections with the static eliminators.



The power supply cuts off the high voltage in case of a short circuit (such as excessive contamination of the ionizers or the mechanical shock of the ionizer) that can occur in the ionizers or cables through the protection circuit.



100-SPU

101-SPU

### Specifications

<b>Construction:</b>	Electrostatic powder coated steel case grounded against leakage currents. Fully insulated transformer.	
<b>Weight:</b>	3.9 kg	
<b>Maximum Load:</b>	4 outputs. SET-ION AC ionizers 101-SPU: 5m of combined Bar and HT cable 100-SPU: 10m of combined Bar and HT cable	
<b>Input:</b>	230 V <sub>AC</sub> / 50 Hz / About 50W	
<b>Output:</b>	7-8 kV~, 5 mA max.	
<b>Environment:</b>	<b>Working Temp.:</b>	50°C max
	<b>Humidity:</b>	70% rH non-condensing max. Location should be dry and oil free.
<b>Safety:</b>	The design is current limited to 5mA. If more current is drawn then the windings will shut down. Power will restart when the excessive load or fault is removed.	

### Plug and Play: Connector type

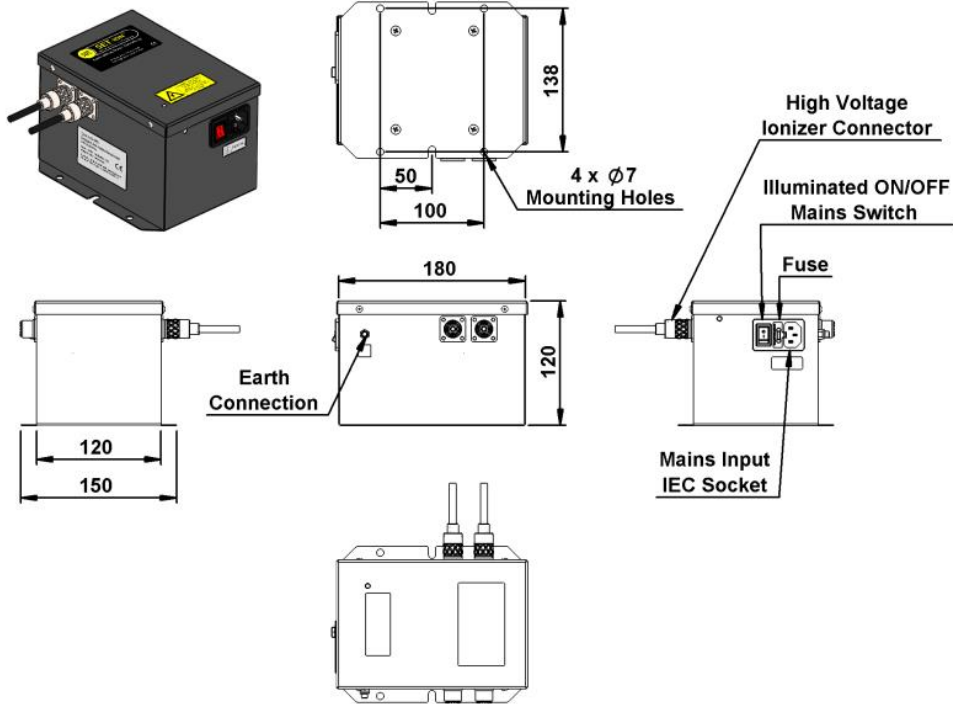
Model 101 has compact and small structure and it has bayonet connectors for fast and easy connection of the static eliminators. Thanks to its connector structure, there is no need for cable connection work.

- Compact and small construction
- Easy installation and electrical connection
- Long-lasting, safe and trouble-free
- Construction IP54 rated
- Current limited to 5 mA for operator safety
- Short-circuit protection for output

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101-SPU Connector Type Anti-static Power Unit



100-SPU Anti-static Power Unit

