

DL

60kV
1200W
Melt-Down Fabric Electrostatic
Electret High-voltage Power Supply



wisman[®]
High voltage power supply
威思曼高压电源

ISO9001:2015

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Special high-voltage power supply for melt-blown fabric electrostatic electret. In 2003, Wisman launched the DL series of high-voltage power supplies for electrostatic electret equipment designed for melt-blown nonwoven industry. This product has passed the EU CE certification. Exported to 67 countries and regions. The DL series uses high-reliability proprietary technology, and its quality fully meets the standards of European and American countries. Wisman DL series has small energy storage, and will not cause damage to non-woven fabrics. Rapid arc response, instant recovery after high-voltage arc discharge. Such high stability can make the electret effect more stable, and the high DC power makes the electret charge high to target Europe and the United States. Our DL series high-voltage power supply is a line of high-performance 19" chassis type high-voltage power supplies. The DL series has a complete protection system. It can be controlled remotely or locally, equipped with a voltage and current display panel and protecting functions such as over voltage and current short circuit protection, arc drawing, over-temperature protection, safety interlock... Wide range adjustment and flexible multiple optional functions.

Input	220Vac±10%, 10A max.
Output	60kV, 20mA, 1200W.
Stability	<100ppm after a 30 minute warm-up period.
Temperature Coefficient	≤25ppm/°C.
Ripple	0.1% p-p+1Vrms (0.05%p-p optional.)
Voltage/Current Monitor	0~+10Vdc correspond to 0~100%, Zout = 4.99kΩ, Accuracy: ±1%.
Input Voltage Local Control	Front potentiometer set to 0~100%, Zin = 10MΩ.
Input Current Remote Control	External interface set to 0~+10Vdc correspond to 0~100%, Zin = 10MΩ.
Input Current Local Control	Front potentiometer set to 0~100%, Zin = 10MΩ.
Input Current Remote Control	External interface set to 0~+10Vdc correspond to 0~100%. Zin = 10MΩ.
Voltage Load Regulation	0.005%+500mV.
Voltage Line Regulation	±0.005%+500mV.
Current Load Regulation	0.01%±100uA.
Current Line Regulation	±0.005%.
Operating Temperature	0°C~+50°C.
Storage Temperature	-40°C~+85°C.
Humidity	20%~85% RH, no condensing.
Dimension	3.46" H x 19.00" W x 19.00" D(88mm x 482.5mm x 482.5mm)
Weight	16kg



Diagram of Melt-Down Fabric Electrostatic Electret High-voltage Power Supply

