

DC Magnetic Field Generator

DMS-1003 / 1005 【Introduction】

Technical Features

DC Magnetic Field Generator, primarily used to provide a stable DC signal to the coil.

- ◆ It adopts a purely linear design, featuring fast response speed, high voltage stability, and low ripple voltage.
- ◆ Flexible combination of voltage and current output modes.
- ◆ It has overvoltage, overcurrent, overtemperature, and short-circuit protection functions.
- ◆ The overvoltage and overcurrent protection can be set by the user, with flexible setting of protection thresholds.
- ◆ The constant power mode is safer and more reliable.
- ◆ It features an RS232 communication interface.
- ◆ It is compatible with Lioncel magnetic field testing host software.

Parameter List

Specification	DMS-1003	DMS-1005
Power	1 kVA	2 kVA
Current	40 A	80 A
Voltage	30 V	30 V
Magnetic Field Strength	1000 A/m(MFA-101) 600 A/m(MFA-201)	1600 A/m(MFA-101) 1200 A/m(MFA-201)
Dimensions	530*430*150 mm	530*430*150 mm
Weight	16 kg	20 kg