

Bdiscom Srl Milan (I)

Your experienced partner
for Plasma power supplies

BDS SP 3, 6 and 12 Sputter Power Supplies



New Bdiscom power supply series for DC sputter processes.

Three range available:

- 3KW F.S., 1000 Volt F.S., 6 Amps Max Output
- 6KW F.S., 1000 Volt F.S., 12 Amps Max Output
- 12KW F.S., 1000 Volt F.S., 25 Amps Max Output

Arc detection (< 200 nSec) and digital interfaces.
Suitable for mid range R/D and industrial DC sputter tools

BDS SP 3, 6 and 12 Sputter Power Supplies

Introduction:

New Bdiscom DC power supplies for Sputtering deposition.

Some highlights:

- All units equipped with user friendly active touch screen display
- Ignition voltage up to 1,1 kVolt
- Arc detection DV/DT off time < 1mSec
- Cooling air

Power requirements	400VAC - 3PH 50Hz (±10%)
Max power output	3, 6 and 12kw F.S.
Max voltage output	1000 Volt F.S.
Max current output	6, 12 and 25 Amps
Ignition	1,1 kVolt
Arc Detector	< 200 nSec detection, < 1 mSec DV/DT offtime
Efficiency	> 90 %
Display	Touch panel 240x128 pixel
Regulation mode	Power / Voltage / Current (Selectable)
Cooling	Air (forced)
Interfaces	RS 232 - Profibus - A/D (Profibus Option)
Operating Temperature	5-40 ° C
Dimensions	19" RACK - 4HU

EMC classification according to EN 55011:

This is a ISM (Industrial Scientific Medical) Equipment and it is EN 55011 Group 2, Class A compliant.

CE MARK

BDISCOM SRL

Tel: (+39) 0382 926987 – Fax: (+39) 0382 923070
www.bdiscom.com info@bdiscom.it

