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Subject: BLM HV Power supply countThe high voltage supply we use is a
    Spellman MD3.0PN.

The high voltage supply we use is a Spellman MD3.0PN.

Its maximum current is 500uA and Maximum voltage is 3000V.

Each BLM has a 100Meg resistor in series with the high voltage supply.
So at 3000 volts they will draw a maximum current of 30uA. Worst case
would be all 12 BLM drawing 30uA for total of 360uA. This gives about a
30% overrating for the supply.

So keeping a limit of 12 BLM per High voltage string, this is the count
of the VME High voltage cards we will require.

Tev

24 one supply cards (A1-F4) [12 or less BLMs]
3 two supply cards (A0,B0,D0) [24,23,22 BLMs]

MI

1 two supply card (MI60S) [24 BLMs]
4 three supply cards (MI10, MI20,MI30,MI50) [35,36,36.36 BLMs]
2 Four supply cards (MI40 and MI60N) [42 and 40 BLMs]

Booster
A very rough Count for booster is 9 single supply and 1 double supply.