Bo LArTPC
Preamp
Power Supply

FET & DRV Vcc Supply
Power Supply
Elpac Model
SOLV30-12
12 Volt
4 Amp
Output Set to:
8.100 Volts

D.C. Output
5 Amp
Output Fuse
< RED

FET & DRV Vee Supply
Power Supply
Elpac Model
SOLV30-5
5 Volt
6 Amp
Output Set to:
6.025 Volts

D.C. Output
Output Fuse
5 Amp
< BLK

Filter Vcc Supply
Power Supply
Elpac Model
SOLV30-5
5 Volt
6 Amp
Output Set to:
5.110 Volts

D.C. Output
5 Amp
Output Fuse
< RED

Filter Vee Supply
Power Supply
Elpac Model
SOLV30-5
5 Volt
6 Amp
Output Set to:
5.110 Volts

D.C. Output
Output Fuse
5 Amp
< BLK

Notes:
A.C. Input wiring is 18 AWG
D.C. Output wiring is 16 AWG
LED and test point wiring is 22 AWG that is protected with 3 Amp pico fuses.
The output terminal strips are Wieland 21.341,5653.0 16EDS which are rated for 30 Amps.
The chassis of this power supply is connected to the Bo cryostat with a number 10 AWG wire and lugs.
The Bo cryostat is connected to the PAB building ground with \( \frac{3}{4} \)" copper braid.

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