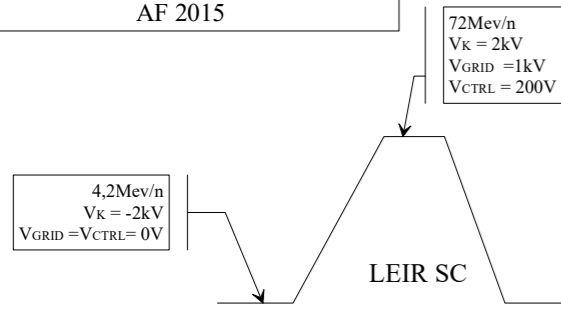


POWER DIAGRAM ECOOLING LEIR

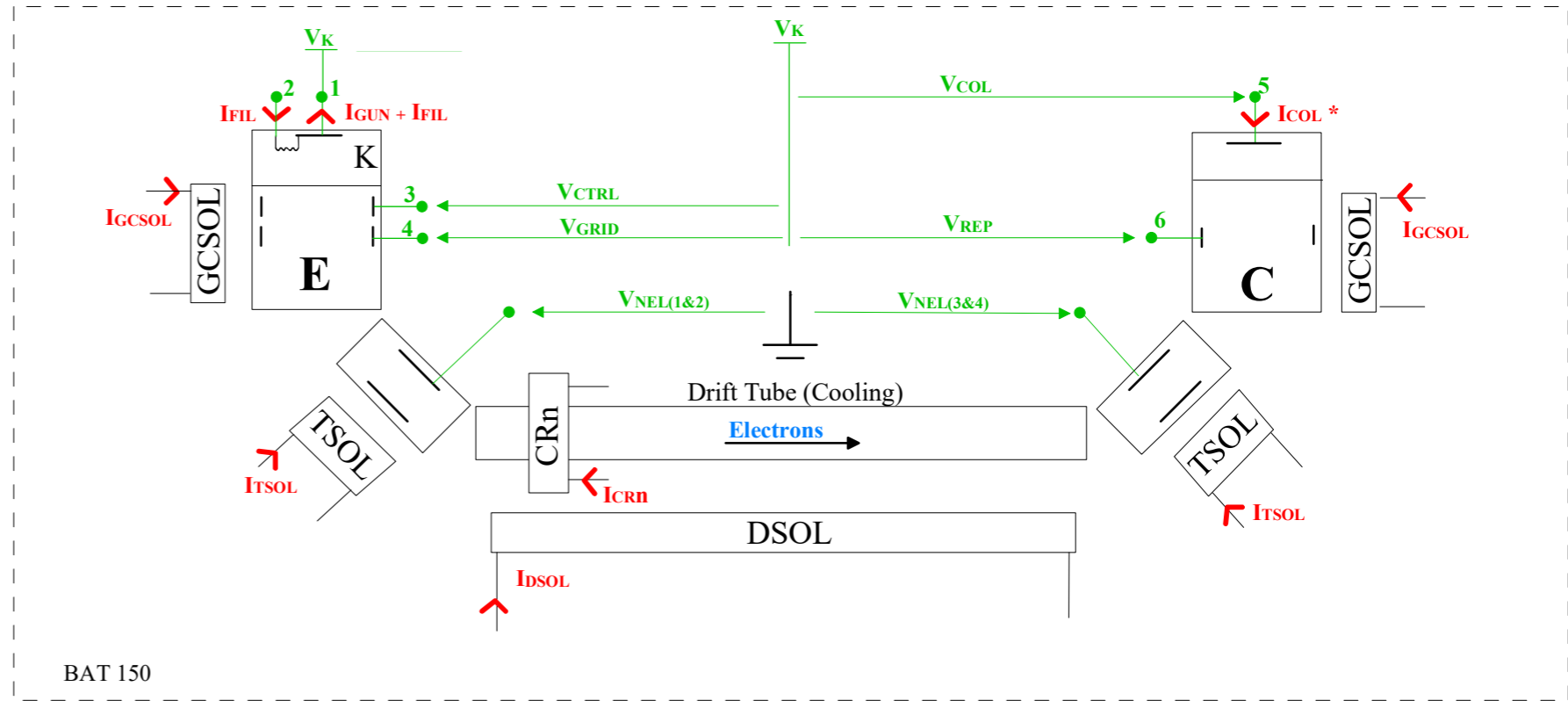
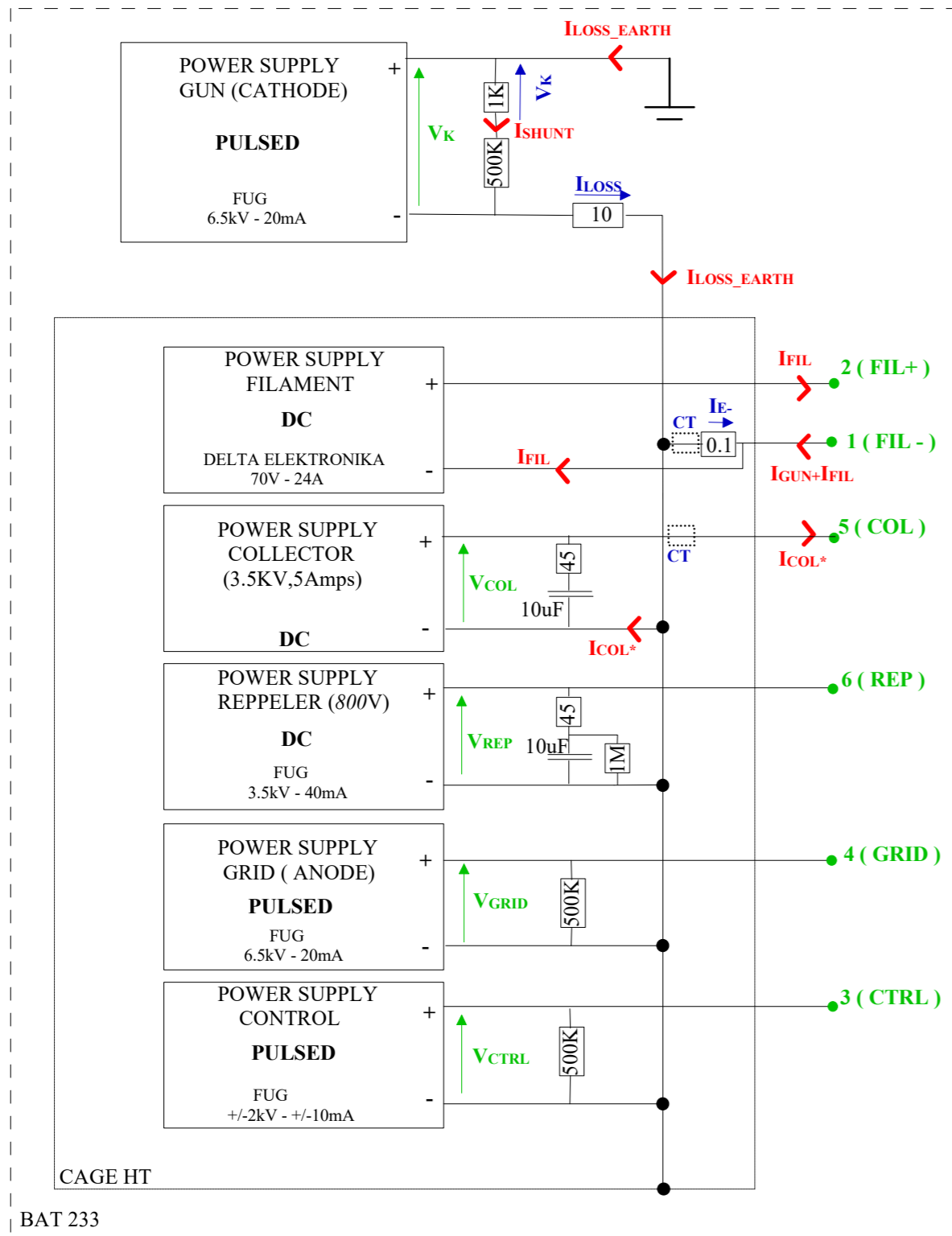
AF 2015



$$I_{GUN} = P \cdot V^{-3/2}$$

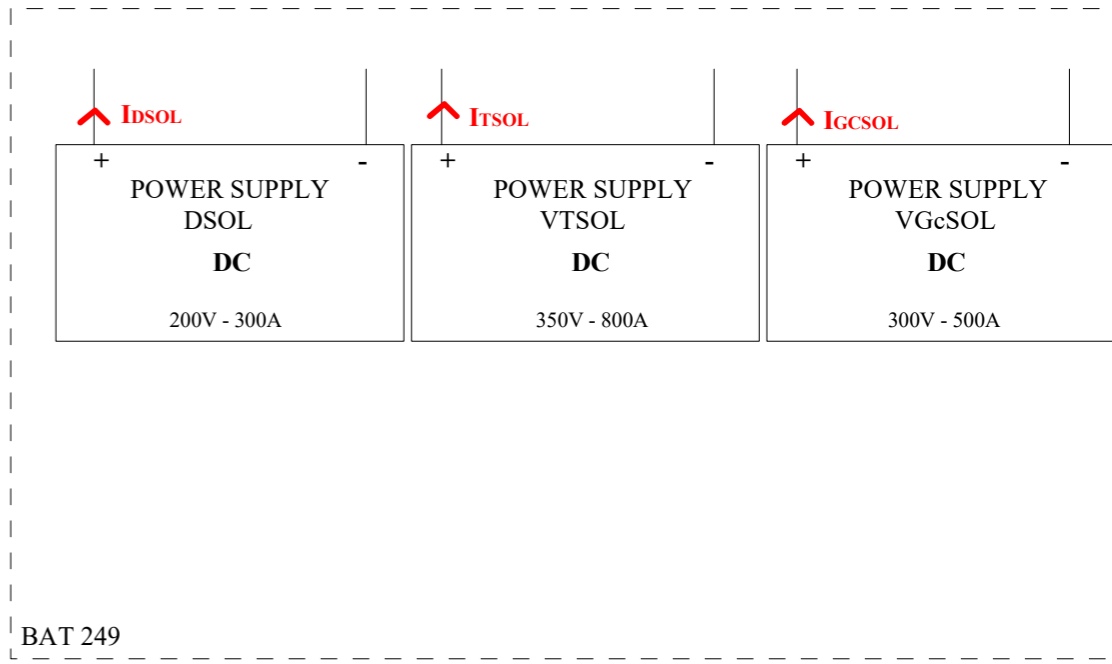
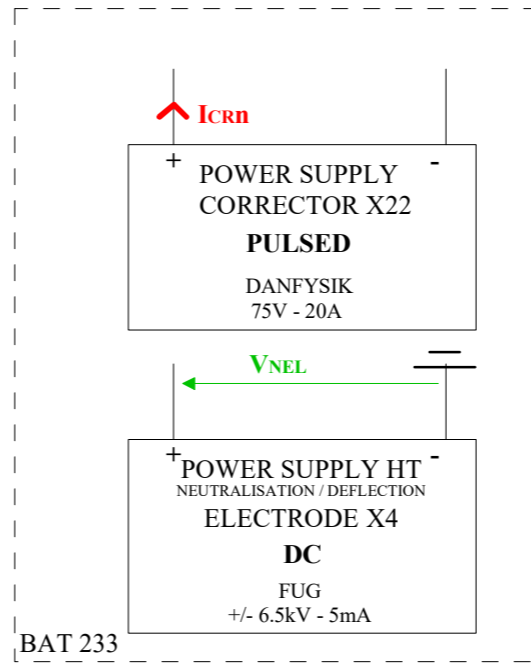
$$P = \text{Gun Geometry} = C^{ste}$$

$$V = V_K - V_{GRID}$$



● CONNECTION POINT

* $I_{COL} = I_{GUN} + \Sigma I_{LOSS}$
 $\Sigma I_{LOSS} = I_{LOSS_EARTH} + I_{LOSS_ELECTRODES}$



MAGNETS	
DSOL	Drift Solenoid
TSOL	Toroid Solenoid
GCSOL	Gun Collector Solenoid
CRn	Corrector (n=1..22)

ELECTRODES	
K	Cathode
COL	Collector
REP	Repeller
GRID	Grid (Anode)
CTRL	Control
NEL	Neutralisation

