

# Requirements on electronics for PMT system

The PMT HV system will be based on present **BERTAN 210-02R** power supplies and CAEN A1932AN voltage distributors/regulators boards powered by **CAEN SY1527** crates.

One BERTAN 210-02R and one CAEN SY1527 crate will be assembled for each T300 detector.

## **BERTAN 210-02R Power Requirements:**

Input voltage is switch selectable 230Vac, 50/60Hz @ 2.5A  
or 115Vac, 50/60Hz @ 5A

## **CAEN SY1527 Power Requirements:**

Input voltage is automatically selected 100/230 V, 50/60 Hz  
Max Power: 3400 W (1000 W needed in the present case)

All the other PMT electronics - VME and NIM Crates, PC for DAQ, ... - has not yet procured and will be purchased with the US requirements.