

## DUMMY/ELECTRONIC LOAD - UP TO 12kV to 24kW

### Features

It features an active Solid State design allowing the load to be dynamically varied using a manual front panel digital potentiometer or remotely using an analogue input signal 0-10VDC. The load is fully isolated and allows input voltages from 600V to 10,000VDC in either positive or negative polarity.

The power is dissipated in element cards fitted into a backbone consisting of commonly sourced semiconductor FET's fitted to aluminum-based printed circuit boards. The arrangement allows optimum transfer of power into a cooling air flow. A single failure on an element card will not result in complete failure of the load.

A fan failure will result in a shutdown of the load to a safe condition.

The maximum load current is limited to 2.5Amp with a maximum input voltage of 10kV where the input power is limited to the power rating of the dummy load.

Manual control of the dummy load impedance is achieved using a front panel digital potentiometer.

**NEW** - A lower voltage and power version is now available in a 7u Rack height 100 to 1000v a 2A. (2kW)

**NEW** - We are now in production with a single rack 20kV at 40kW Dummy Load.



Dummy/electronic Load: 37/09