



Alternator Voltage Regulator for Brushed Ct-Choke type Alternator

The AVR is designed for specially Any brushed Alternator for replacing with ct choke type excitation system.

We have first time developed transformer less power supply for this AVR and using 35Amps, 1200 volts bridge rectifier for rectification. Hence long life of AVR.

Full wave starting insures voltage build up from very low residual voltage.

SPECIFICATIONS:

Input Voltage	: Up to 475 AC, two phase & neutral at U,V & N
Input Frequency	: 50 Hz & 60 Hz , Adjustable through trim-pot
Output Voltage	: Up to 400 V dc at F+& F-
Output Current	: 16 Amps continuous/ 25 Amps transient for 10 secs.
Regulation	: +/- 1%
AVR Responce	: 20 ms
Build-up Voltage	: 4 Volts at AVR terminals
Under Frequency	
Protection	: 47 Hz (resettable) at factory setting
Protection Fuse	: 6 Amps fast blowing glass fuse