

# Technical Specifications

## THREE PHASE SERVO VOLTAGE REGULATOR

Pro\_Teki

|                        |   |
|------------------------|---|
| Input                  | : 300 to 470V or 360 to 460V line-to-line, 3 phase 4-wire system. (Balanced or unbalanced to be specified)  |
| Output                 | : 415 Volts $\pm$ 1%, line-to-line (Adjustable by $\pm$ 20 Volts) upto 70 Volts / sec., line-to-line/as specified by purchaser.<br><b>(We do not recommend correction faster than 70V/sec.)</b> |
| Response Time          | : 10 msec.  |
| Efficiency             | : 96% or more   |
| Waveform distortion    | : Nil   |
| Effect of power factor | : Nil   |
| Cooling                | : Air-cooled up to 75 KVA, oil-cooled for higher KVA ratings.   |
| KVA ratings            | : 10, 15, 20, 25, 30, 40, 50, 60, 75<br>100,125, 150,200, 250KVA  |



### Optional Features

- Automatic High / Low Voltage Cut-off.
- Overload & Short-circuit protection.
- Audio alarm at extreme input voltages.
- Line-noise and surge suppression network.
- Separate line current meter with rotary switch.
- Single-phasing preventer for Balanced Load Application.
- Ultra Isolation Transformer at output (star-delta optional).

### Typical Applications

- CNC Machines .
- Plastic Moulding Machines.
- Mainframe Computers .
- Communication equipments like Radio and TV transmitters, Space applications..
- Operation theaters, large X-ray machines, CAT Scanners.
- Airconditioning plants.
- Production plants, general heating and lighting equipments.
- Large test laboratories.
- Elevators & Escalators.
- Centralised stabilisation of domestic power.
- Textile machinery like Autoconers, Draw Frames & Power looms.
- Diamond cutting / Polishing machines.

We reserves the right to amend design and specifications without notice as continuous efforts are made to improve products performance...

\*Specification are subject to change without prior information due to continuous development in our product