

Induction Electronic AVR

PLR series



Specially for whole plant power equipment

Induction No-Contact Oil-Immersed Electronic Automatic Voltage Regulator has durable solid mechanism and is suitable for large current load and whole plant voltage regulating environment regulator. Conventional conductive mechanism with new cubicle design increased energy conservation and heat radiating efficiency for more than 20%. After 20-30 years service, recyclable material is higher than 90%

Feature:

- Solid mechanism and durable
- Intelligent logic voltage regulation design
- Adopt no-contact voltage adjustment
- Continuous stepless voltage regulating design
- Output voltage in linear voltage increased and decreased control
- Output voltage free of noise interference
- No distortion
- Self-detecting function
- Alarm for abnormal over/low voltage output
- Alarm for abnormal phase loss and phase reverse
- Alarm for abnormal temperature
- Allowed for externally connecting tripping switch for performing cut-off power function
- With voltmeter and ammeter to monitor the use of 3 phase
- Efficiency higher than 98%

✧ Application:



Production Line



Large-Scale Equipment



Automatizing
Production Line



Petrochemical
Industry

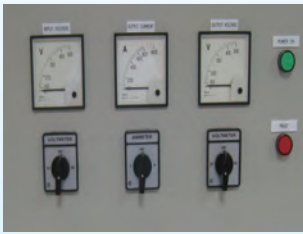


Shipping Dock



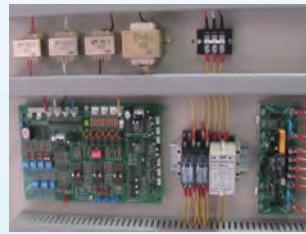
Communicating
Equipment

Clear Meter Design



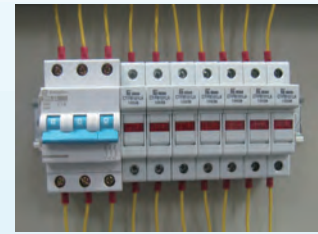
Wide-angle meter design, 3 phase voltage and current can be clearly identified

Excellent and Precision Main Control Circuit



Modular exchangeable control mode design – a more humanized design concept

Precision Controlled Protecting Device



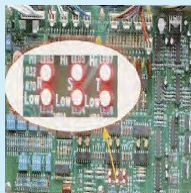
Main control elements are equipped with over-current protecting switches and fuses

Alert Dry Contact



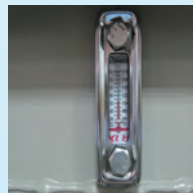
Equipped with alert dry contact for connecting externally circuit to control room for easy monitor

Self-Detecting



At each starting, it can rapidly detect the present situation to be safe

Oil Level Gauge



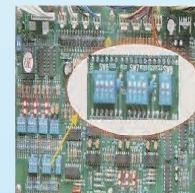
Window of oil level gauge has magnification effect allowing clearly viewing present oil level

Manual Adjusting Device



After control system switched off, this device can be used to adjust voltage manually to needed value

Programmable Setting



Adopt multi-layer big range preset switch to meet the optimal needs

Audio Alarm Device



At abnormal, other than light indicator, there are also audio alarm and action of alert dry contact

Model & Specification:

Model No. (PLR-)	3300	3400	3500	3600	3750	31000	31250	31500	31750	32000	32500	33000
Capacity (KVA)	300	400	500	600	750	1000	1250	1500	1750	2000	2500	3000
Voltage	X2: 3 ϕ 3W 200V, 220V, 230V, 240V system (I/P and O/P are the same) X3: 3 ϕ 3W 380V, 400V system (I/P and O/P are the same) X4: 3 ϕ 3W 415V, 440V system (I/P and O/P are the same)											
Frequency	50 or 60Hz \pm 5%											
Input Range	\pm 15%											
Output Range	\pm 10% adjustable											
Output Accuracy	Within \pm 1.5%											
Efficiency	\geq 98%											
Waveform Distortion	No distortion (the same with input waveform)											
Fault Warning	When voltage too high, too low, phase failure, phase reverse and over temperature, it will alarm automatically											
Panel Indicator	Input voltmeter, output voltmeter, output ammeter, fault lamp, power lamp											
Environment	Temperature: 0°C~40°C Humidity: 20%~90% RH (Non-Condensing)											