Induction Electronic A.I.V.R.

PL series





Specially for whole plant power equipment

Induction No-Contact Electron Automatic Voltage Regulator has durable solid mechanism and is suitable for large current load and whole plant voltage regulating environment. Traditional inductive structure with latest CPU programmable control, increasing stability and reliability and effectively promote the overall efficiency.

Feature:

- Solid mechanism and durable
- Digital CPU programmable control
- 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
- Digital displayed output voltage and current
- 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, output 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

Motot Driver PCB



With overload protection circuit, failure rate can be reduced

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, there is audio alarm and action of alert dry contact

Model & Specification:

Model No. (PL-)	3150	3200	3250	3300	3320	3350	3400	3500	3600	3750
Capacity (KVA)	150	200	250	300	320	350	400	500	600	750
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)									
Frequency	50 or 60Hz ±5%									
Input Range	$\pm 20\%$ (up to ± 50 upon request)									
Output Range	±10% adjustable									
Output Accuracy	Within ±1.0%									
Efficiency	>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	Output voltmeter, output ammeter, fault indicator									
Environment	Temperature: 0°C~40°C Humidity: 20%~90% RH (Non-Condensing)									