

IDEAL - IA/IAS Series



Automatic Voltage Regulator

115V, 230V

3KVA-45KVA

Application:

- Computer
- Communication Equipment
- Medical Equipment
- Alarm & Security System
- Production Line
- CAD / CAM
- OA Equipment
- Pos Terminal
- SMT/ AI Equipment
- Audio Equipment
- Copy Machine

Features:

- Full electronics circuit design, no black-out time when it's operated. Also with fast response time and long MTBF.
- Full low frequency design, w/o magnet interference, you can put equipment next to the AVR.
- With input over voltage, under voltage, overheat LED indicator and buzzer alarm double warning function.
- With auto-delay re-start function, to prevent black-out or power recover to cause damaging for the equipment.
- With by-pass switch, won't effect customer to operate equipment when AVR damaged.
- With overload, short circuit and surge protection.
- With output voltmeter, easy to monitoring O/P voltage.
- High efficiency, better than 96%, high power factor, better than 0.98.
- High reliability, saving power and environment protection.
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- Compact size can save space and delivery cost.

IA Series



IAS Series





TECHNICAL SPECIFICATIONS

MODEL	IA series	IAS series
Regulator Parts	TRIAC	
I/P Voltage Range	$\pm 15\%$	
I/P Power Factor	0.97~1	
O/P Regulation	No Load: +5%~-1.5% Full Load: +3.2%~-2.8%	
Frequency	47~63Hz	
Efficiency	>95%	
Distortion	< 1% ADDS	
O/P Power Factor	0.8	
Responses Time	<5 cycle	
Overload	200% for 10 seconds	
Surge Protection	4500A (8/20US)	
Operating Temp	0°C~40°C	
Humidity	0%~90% non-condensing	

IA SERIES

MODEL	IA-103	IA-105	IA-108	IA-110
Capacity	3KVA	5KVA	8KVA	10KVA
I/o Voltage	(1Ø2W+G)110V/220V			
Dimension (w*D*H)	193*415*267mm			
Weight (kg)	15.5	19.5	24	34

IAS Series

MODEL	Capacity	I/P Voltage	O/P Voltage	Dimension, (W*D*H*)
IAS-110	10KVA	(1Ø2W+G)220V (1Ø3W+G)110V/220V	(1Ø3W+G)110V/220V	385*460*765mm
IAS-115	15KVA			
IAS-120	20KVA			485*510*920mm
IAS-130	30KVA	(3Ø3W+G)220V (3Ø4W+G) 380V/220V 208V/120V 190V/110V		385*460*765mm
IAS-310	10KVA			
IAS-315	15KVA			
IAS-320	20KVA			
IAS-325	25KVA			
IAS-330	30KVA			485*510*920mm
IAS-345	45KVA			

Specifications subject to change without notice.

