



Mercury AVR...  
for Regulated Power Supply



# Automatic Voltage Regulator

**3000VA / 5000VA**

- Auto buck-boost-normal switchover
- Wide Input Voltage ranges
- Auto restart while AC recovery
- User-friendly segment LCD+LED indications
- Low input Protection & High input Protection
- Over temperature protection
- Short circuit protection





# Automatic Voltage Regulator

**3000VA / 5000VA**

## Specification

	3000VA	5000VA
Power Factor	0.6~0.8	
<b>INPUT</b>		
Normal Voltage	220/230Vac	
Regulation Voltage	130~260Vac / 100~260Vac	
Frequency	50/60Hz	
<b>OUTPUT</b>		
Output Voltage	220V/230V ±8% (when input with Regulation Voltage range)	
Hi Cut Voltage	250V+/-5V	
Low Cut Voltage	180±5VAC	
Frequency	50/60Hz Auto Sense	
Safety Cycle	6seconds/180seconds selectable	
Regulation %	±8%	
Number of Taps	5/7 taps	
Transformer Type	Toroidal Auto Transformer	
Control Type	Relay type	
<b>INDICATOR</b>		
Working	Green LED lighting (Inside the Digital Screen)	
Delaying	Yellow LED lighting (Inside the Digital Screen)	
Fault/Protection	Red LED lighting (Inside the Digital Screen)	
Voltage Meter	2 Digital LED voltage meter (Inside the Digital Screen)	
<b>PROTECTION</b>		
Breaker/Fuse	16A	25A
Over Current	Yes, Auto Shut Down	
Short Circuit	Yes, Auto Shut Down	
Dimension (mm)	330x225x265	
Net Weight (Kgs)	6.8	8.6

## PHYSICAL

Display	Segment + LED	
Dimension (WxHxD)	330x225x265mm	
Net weight (KG)	<b>AVR3000:</b> 7.5Kgs <b>AVR5000:</b> 9.5Kgs	
Delaying power supply to outlet	6S / 180S	
Noise	Less than 35dB	
Cooling mode	Natural air cooling	

