

# 1PH RELAY AVR DELTA SERIES 90V

(1KVA-30KVA)



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## APPLICATION



Air conditioner

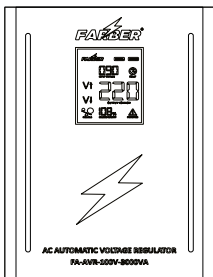


Refrigerator & freezer For 1500VA

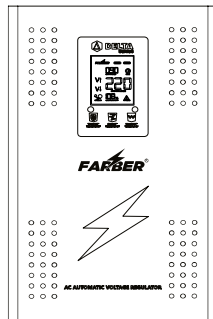


General home applications.

## SCHEMATIC



(1KVA-5KVA)



(1KVA-30KVA)

## BENEFITS

- Elegant and modern design.
- 5 Relays ensure rigorous and high precision voltage outputs.
- Step up the voltage from 90V (100V Optional)
- Instant transformer of power through zero-crossing detection.
- High efficiency toroidal transformer.
- Full protection: over voltage, under voltage, overheat, short circuit and overload.
- Selectable 6s/180s delay time.
- Air conditioner starter push offers very high current for 30 seconds to allow air conditioner to start.
- USB charger let you charge your smartphone, tablet, or any other peripheral with the built-in USB charger.
- Auto-run after Overload protection.

## FEATURES



Offers very high current for 30 seconds to allow air conditioners to start



Instant transfer of power through zero-crossing detection



Protects against over heat



Protects against over voltage



Protects against overload



Protects against under voltage

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# SPECIFICATION

MODEL NUMBER	FA-AVR-90V-1000VA	FA-AVR-90V-1500VA	FA-AVR-90V-2000VA	FA-AVR-90V-5000VA	FA-AVR-90V-10000VA	FA-AVR-90V-15000VA	FA-AVR-90V-20000VA	FA-AVR-90V-30000VA
Capacity	1KVA	1.5KVA	2KVA	5KVA	10KVA	15KVA	20KVA	30KVA
Technology	FARBER-COOLER, FARBER-TRANSFER							
Transformer	Toroidal transformer							
Material	Metal							
<b>INPUT</b>								
Input Voltage	90-260V (100-260V Optional)							
Input Frequency	45-65Hz							
Power Factor	0.98							
<b>OUTPUT</b>								
Rated Output Voltage	220V (230V Optional)							
Output Precision	±13%							
Output Frequency	Synchronized with input frequency							
Efficiency	>97%							
Loading Ability	125% for 30s							
<b>DISPLAY</b>								
Digital Display	Input Voltage & Output Voltage							
(H) Symbol	Over voltage warning							
(L) Symbol	Under voltage warning							
(C) Symbol	Overheat warning							
(F) Symbol	Overload warning							
Capacity	Percentage load							
<b>PROTECTIONS</b>								
Over Voltage	Output Cut-off + warning							
Under Voltage	Output Cut-off + warning							
Overheat	Output Cut-off + warning							
Short Circuit	Circuit breaker trip							
Overload	Output Cut-off + warning							
Surge	MOV (Optional)							
Delay Time	6s / 180s selectable							
<b>OTHERS</b>								
Bypass	Only available for 3000VA-10000VA							
Certifications	CE, SON, SB, SASB							
Peripherals	USB Charging Port(Optional), Smart Cooling Fan							
Operating Temperature	0°C - 40°C							
Storage Temperature	-15°C - 45°C							
Operating Humidity	10%-90%, Non-condensing							
Dimensions	263 x 160 x 80	283 x 160 x 95.5	283 x 160 x 95.5	425 x 305 x 140	455 x 325 x 160	302.4 x 271.2 x 423.2	302.4 x 271.2 x 423.2	455 x 505 x 615
Net weight	3.6 kg	4.7 kg	6.1 kg	15.36 kg	22.56 kg	30 kg	32.4 kg	58 kg

Available capacity: 1KVA, 1.5KVA, 2KVA, 3KVA, 5KVA, 7KVA, 10KVA, 15KVA, 20KVA, 30KVA

Modeling number: FA-AVR-90V-XXKVA, Where XX=AVR capacity



Protects against short circuit



In case of any fault or emergency, an alarm will sound



5 relays ensure rigorous and high precision voltage outputs



AVR will auto-run after overload protection



Charge your smartphone, tablet, or any other peripheral with the built-in USB charger

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