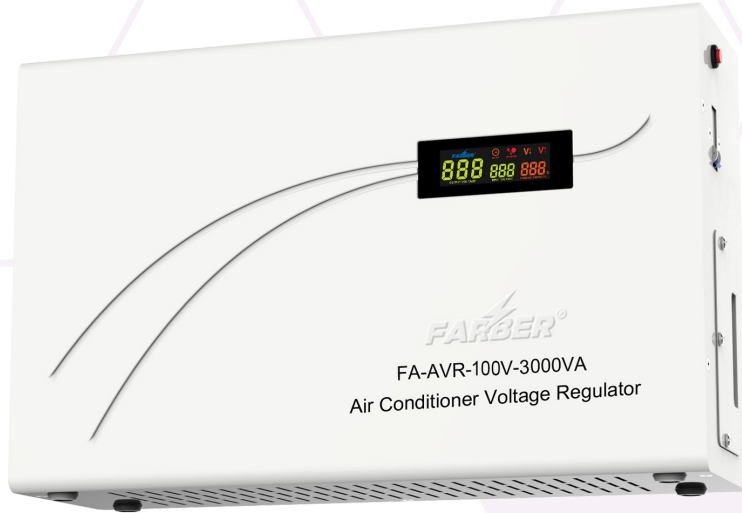


# AVR PI SERIES 100V

(3000VA)



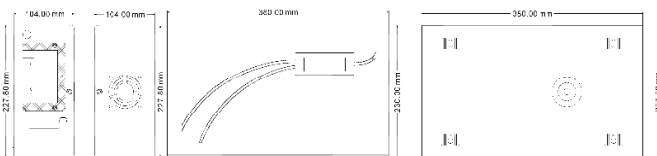
Optional

## APPLICATION



AC-1 Ton

## SCHEMATIC



## BENEFITS

- ✓ Elegant and modern design.
- ✓ 5 Relays ensure rigorous and high precision voltage outputs.
- ✓ 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



**FARBER-COOLER™**  
Offers very high current for 30 seconds to allow air conditioners to start



**FARBER-TRANSFER™**  
Instant transfer of power through zero-crossing detection



**FARBER-TECHTOR™**  
Protects against over voltage



**FARBER-TECHTOR™**  
Protects against under voltage

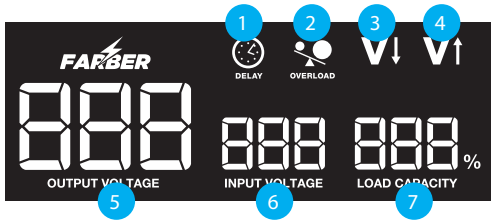


**FARBER-TECHTOR™**  
Protects against over heat



**FARBER-TECHTOR™**  
Protects against overload

## LCD FEATURES SPECIFICATION



1. Delay
2. Overload protection
3. Low voltage protection
4. Over voltage protection
5. Output voltage
6. Input voltage
7. Load capacity

MODEL NUMBER	FA-AVR-100-3000VA
Capacity	3000VA
Technology	FARBER-COLER/FARBER-TRANSFER
Transformer	Ultraslim toroidal transformer
Material	Metal
<b>INPUT</b>	
Input Voltage	100-220V
Input Frequency	45-65Hz
<b>OUTPUT</b>	
Rated Output Voltage	220V/230V
Output Precision	±8%
Output Frequency	Synchronized with input frequency
Efficiency	>97%
<b>DISPLAY</b>	
Digital Display	Input Voltage & Output Voltage
Green LED	power on
Yellow LED	Delaying
Red LED	Protecting
<b>PROTECTIONS</b>	
Over Voltage	Output Cutoff + warning
Under Voltage	Output Cutoff + warning
Overheat	Output Cutoff + warning
Short Circuit	Circuit breaker trip
Overload	Output Cutoff + warning
Surge	MOV
Delay Time	6s / 180 selectable
<b>OTHERS</b>	
Certifications	CE, SON, SB, SASD
Peripherals	USB Charging Port, Smart Cooling Fan
Operating Temperature	0°C-40°C
Storage Temperature	-15°C-45°C
Operating Humidity	10%-90%, Non-condensing
Dimensions	38.0 x 23.0 x 10.4
Quantity	1 piece
Net weight	15.4 kg



**FARBER-TECHTOR™**  
Protects against short circuit



**FARBER-WARNER™**  
In case of any fault or emergency, an alarm will sound



**FARBER-RIGOUR™**  
5 relays ensure rigorous and high precision voltage outputs



**FARBER-RESTARTER™**  
AVR will auto-run after overload protection



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