

AVR PI SERIES 100V

(1000VA, 5000VA)



APPLICATION



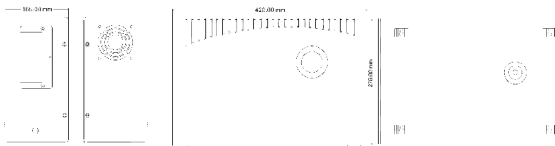
Refrigerator



AC-1.5 Ton

450 W

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

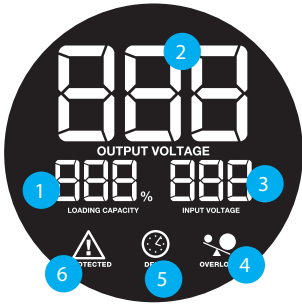


FARBER-TECHTOR™
Protects against over heat



FARBER-TECHTOR™
Protects against overload

LCD FEATURES



1. Loading capacity percentage
2. Output Voltage
3. Input voltage
4. Overload Warning
5. Delay indicator
6. Protected indicator

DISPLAY WARNINGS



Overvoltage warning



Under voltage warning



Overheat warning



Overload warning

SPECIFICATION

MODEL NUMBER	FA-AVR-100V-1000VA	FA-AVR-100V-5000VA
Capacity	1000VA	5000VA
Technology	FARBER-COOLER, FARBER-TRANSFER	
Transformer	Ultraslim toroidal transformer	
Material	Metal	
INPUT		
Input Voltage	100-260V	
Input Frequency	45-65Hz	
OUTPUT		
Rated Output Voltage	220V/230V	
Output Precision	±8%	
Output Frequency	Synchronized with input frequency	
Efficiency	>97%	
DISPLAY		
Digital Display	Input Voltage & Output Voltage, Load Percentage, Delay Icon, Overload Icon, Protection Icon	
(H) Symbol	Over voltage warning	
(L) Symbol	Under voltage warning	
(C) Symbol	Overheat warning	
(F) Symbol	Overload warning	
Capacity	Percentage load	
PROTECTIONS		
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 / 180s selectable	
OTHERS		
Certifications	CE, SON, CB, SASO	
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	42.0 x 27.8 x 16.5 cm	
Quantity	1 piece	



FARBER-TECTOR™
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