

AVR PI SERIES 100V

(7000VA)

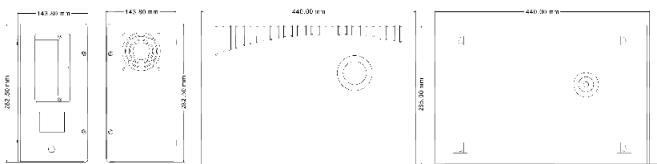


APPLICATION



AC-2 Tons

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™

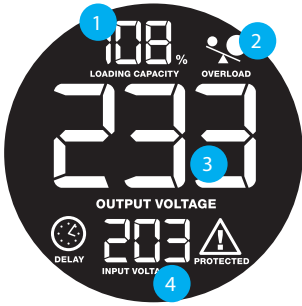
Protects against over heat



FARBER-TECHTOR™

Protects against overload

LCD FEATURES



1. Loading capacity percentage
2. Overload warning
3. Output voltage
4. Input voltage

DISPLAY WARNINGS



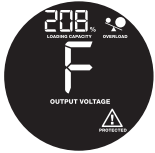
Overvoltage warning



Under voltage warning



Overheat warning



Overload warning

SPECIFICATION

MODEL NUMBER	FA-AVR-100-7000VA
Capacity	7000VA
Technology	FARBER-COLER/FARBER-TRANSFER
Transformer	Toroidal transformer
Material	Metal
INPUT	
Input Voltage	100-280V
Input Frequency	45-65Hz
OUTPUT	
Rated Output Voltage	220V/230V
Output Precision	±13%
Output Frequency	Synchronized with input frequency
Efficiency	>97%
DISPLAY	
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
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 (Optional)
Delay Time	6s / 180 selectable
OTHERS	
Certifications	CE, SON, SB, SASD
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	44.0 x 28.5 x 14.38
Quantity	1 piece
Net weight	16.5 kg



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