

AVR RHO SERIES 140V

(15000VA, 20000VA)



APPLICATION

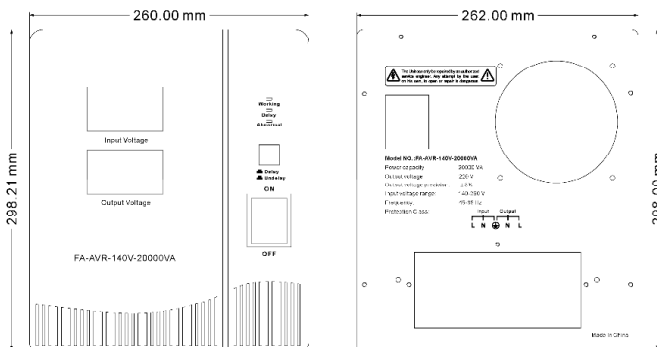


AC-2.5 Ton



AC-3.0 Ton

SCHEMATIC



BENEFITS

- ✓ Classical panel design
- ✓ MCU controlled circuit offering precision output
- ✓ Zero cross transfer technology integrated
- ✓ High efficiency toroidal transformer
- ✓ FARBER patented CoolMate Technology optional
- ✓ Full protection: over voltage, under voltage, overheat, short circuit and overload
- ✓ Selectable 6s/180s delay time
- ✓ CE certified

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

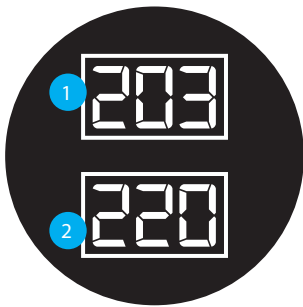


FARBER-TECHTOR™
Protects against over heat



FARBER-TECHTOR™
Protects against overload

LCD FEATURES SPECIFICATION



1. Input voltage display
2. Output voltage display

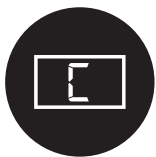
DISPLAY WARNINGS



Overvoltage warning



Under voltage warning



Overheat warning



Overload warning

MODEL NUMBER	FA-AVR-140V-15000VA	FA-AVR-140V-20KVA
Capacity	15000VA	20000VA
Technology	FARBER-COOLER, FARBER-TRANSFER	
Transformer	Toroidal transformer	
Material	Metal	
INPUT		
Input Voltage	140-260V	
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	
Green LED	Power On	
Yellow LED	Delaying	
Red LED	Protecting	
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	42.5 x 26.0 x 31.5 cm	46.0 x 30.5 x 35.8 cm
Quantity	1 piece	
Net weight	21.9 kg	25.0 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 any other peripheral with the built-in USB charger



Smart Cooling Fan
Built-in fan to keep the device cool in high temperature environments