

# AVR DELTA SERIES 80V

(5000VA, 7000VA, 10000VA)



## APPLICATION



AC-1.5 Tons  
for 5000VA



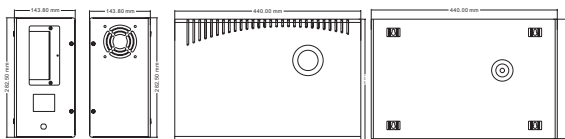
AC-2.0 Tons  
for 7000VA



AC-2.5 Tons  
Suitable for  
Home Use  
for 10000VA



## 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

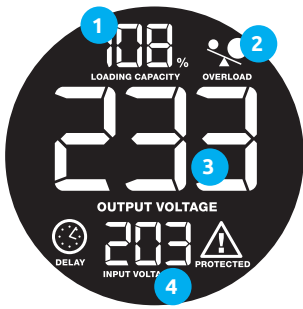


### FARBER-TECHTOR™

Protects against overload



## LCD FEATURES



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

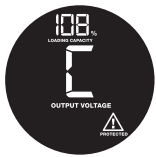
## DISPLAY WARNINGS



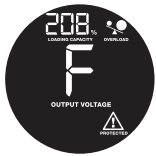
Over voltage warning



Under voltage warning



Overheat warning



Overload warning

## SPECIFICATION

MODEL NUMBER	FA-AVR-80V-5000VA	FA-AVR-80V-7000VA	FA-AVR-80V-10000VA
Capacity	5000VA	7000VA	10000VA
Technology	FARBER-COOLER, FARBER-TRANSFER		
Transformer	Toroidal transformer		
Material	Metal		
INPUT			
Input Voltage	80-260V		
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/180s 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 x 28.5 x 14.5		
Quantity	1 piece		
Net weight	10.9 kg	16.17 kg	19.73 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