

AVR LAMBDA SERIES 150V

(1PH-15KVA)



APPLICATION

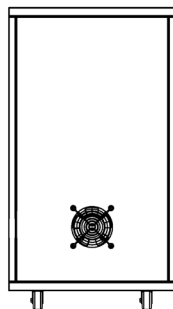
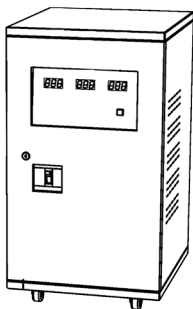


Hospital & testing laboratories



Factories

SCHEMATIC



BENEFITS

- ✓ High Efficiency
- ✓ 100% Unbalanced loading capability between three phases
- ✓ Digital Display
- ✓ Advanced protection
- ✓ Strong Overload ability
- ✓ Configurable Normal Output Voltage (optional)
- ✓ Isolated manual Bypass switch
- ✓ Surge protection Device (optional)
- ✓ Servo Motor type

FEATURES



FARBER-OVERLOAD™

Offers very high current for 30



FARBER-TRANSFER™

Instant transfer of power through zero-crossing detection



FARBER-TECHTOR™

Protects against over voltage



FARBER-TECHTOR™

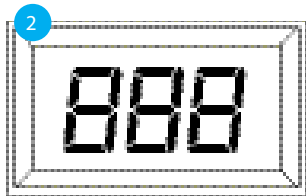
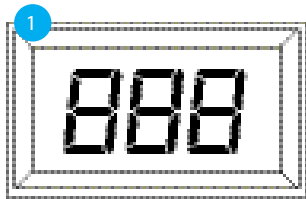
Protects against under voltage



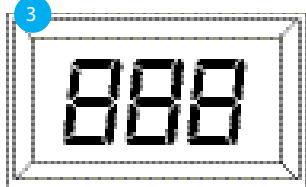
FARBER-TECHTOR™

Protects against over heat

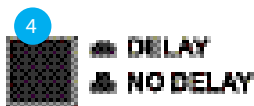
LCD FEATURES SPECIFICATION



OUTPUT VOLTAGE



OUTPUT CURRENT



1. Display of input voltage
2. Display of output voltage
3. Display of output current
4. Display button (DELAY=180s, NO DELAY=6s)

| | |
|-----------------------------|--|
| MODEL NUMBER | FA-AVR-150V-15KVA/SVR1PH |
| Capacity | 15KVA |
| Material | Metal |
| INPUT | |
| Input Voltage | 150-260V or customized |
| Input Frequency | 45-65HZ |
| Power Factor | 0.98 |
| OUTPUT | |
| Rated Output Voltage | 220V (230V Optional) |
| Output Precision | ±3% (±1% optional) |
| Response time | <1s, against 10% variation of input voltage |
| Efficiency | >96% |
| Loading Ability | 120% for 180s, 150% for 30s, 200% for 10s, 300% for 5s |
| DISPLAY | |
| Digital Display | Input voltage, Output voltage, Output current |
| PROTECTION AND ALARM | |
| Output Under Voltage | Output cutoff by contactor + "L" in display + Buzzer beeping |
| Output Over Voltage | Output cutoff by contactor + "H" in display + Buzzer beeping |
| Overload | Output cutoff by contactor + "F" in display + Buzzer beeping |
| Over Temperature | Output cutoff by contactor + "C" in display + Buzzer beeping |
| Short Circuit | Input cutoff by air breaker |
| Bypass | Isolated manual bypass switch |
| Output Delay time | 6s/180s selectable |
| Surge/Spike | Optional, Replaceable SPD |
| SAFETY | |
| Insulation Voltage | 2,000V/60s |
| Insulation Resistance | >5MΩ |
| Creepage Distance | >8mm |
| Grounding Resistance | >0.1MΩ |
| Insulation Class of coil | Class F (155C) |
| Cooling Mode | Cooling Fan |
| IP Level | IP20 |
| Audible Noise | <65dB at 1m distance with full load |
| OPERATING CONDITIONS | |
| operating Temperture | - 5°C - + 45°C |
| Operating humidity | 10%-90%, non-condensing |
| Operating Altitude | <1,000m |



FARBER-TECHTOR™
Protects against overload



FARBER-TECHTOR™
Protects against short circuit



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



FARBER-ACCURACY™
Servo motor To ensure the accuracy and stability of the output voltage



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