AVR LAMBDA SERIES 150V

(3PH-200KVA)









Free delivery



Maintenance and free installation



APPLICATION



Hospital & testing laboratories



Factories



Agricultural fields



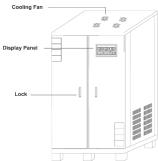
Oil fields

BENEFITS

- The contactless inductive transformer makes the linear voltage regulation. No tap from the transformer, there is no coupling noise and voltage drop is very low.
- ☑ No contact point inside the transformer, there is no arc discharge.
- The winding is made of high purity oxygen-free copper wire, the core is made of high magnetic density silicon-steel plate. The copper loss and iron loss are small.
- ☑ The transformer won't be damaged, if short circuit happened or it's overloaded in short time. 100% load for long time, 150% for 30 seconds, 200% for 10 seconds, 300% for 5 seconds.
- When output voltage is out of range, or overload, overheat and open phase happens, or control circuit is abnormal, it will give buzzer beeping and LED is light (not cut off output).
- Manual bypass switch is bundle. Automatic bypass function is customized



SCHEMATIC





FARBER-OVERLOAD™
Offers very high
current for 30



FARBER-TRANSFER™
Instant transfer of
power through zerocrossing detection



FARBER-TECHTOR™ Protects against over voltage



FARBER-TECHTOR™

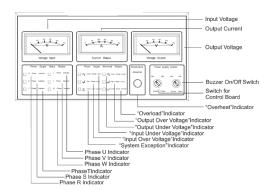
Protects against under voltage



FARBER-TECHTOR™

Protects against over heat

LCD FEATURES _____ SPECIFICATION



Rated Input Voltage 3 Phase: 190V/200V/220V or 380V/400V/415V/440V Input Voltage Range ±15%, ±30%, or customized Input frequency 50Hz or 60Hz Power Factor 0.98 OUTPUT		54 AVR 450V 000V/V (CV 000V)	
Input Voltage Range ±15%, ±30%, or customized Input frequency 50Hz or 60Hz Power Factor 0.98 OUTPUT	MODEL NUMBER		
Input frequency SoHz or 60Hz	Rated Input Voltage	3 Phase: 190V/200V/220V or 380V/400V/415V/440V	
OUTPUT Rated Output Voltage L1—L2/380V L2—L3/380V L1—L3/380V Output Precision Preset at ±2% (±2%~±10% adjustable) Response time ±3%(±1% optional) Efficiency >96% Loading Ability 150% for 30s, 200% for 10s, 300% for 5s DISPLAY Input Voltage Analog or Digital Voltmeter Output Voltage Analog or Digital Voltmeter Output Current meter PROTECTION AND ALARM Output Under Voltage LED + Buzzer Beeping (Output Cutoff Optional) Output Over Voltage LED + Buzzer Beeping (Output Cutoff Optional) Over Termperature LED + Buzzer Beeping (Output Cutoff Optional) Phase failure LED + Buzzer Beeping Wrong Phase sequency Cant switch on regulator "P" in display + Buszzer beeping Short Circuit Input cutoff by air breaker Bypass Isolated manual bypass switch Output Delay time <th co<="" td=""><td>Input Voltage Range</td><td>±15%, ±30%, or customized</td></th>	<td>Input Voltage Range</td> <td>±15%, ±30%, or customized</td>	Input Voltage Range	±15%, ±30%, or customized
OUTPUT Rated Output Voltage L1—L2/380V L2—L3/380V L1—L3/380V Output Precision Preset at ±2% (±2%~±10% adjustable) Response time ±3%(±1% optional) Efficiency >96% Loading Ability 150% for 30s, 200% for 10s, 300% for 5s DISPLAY Input Voltage Analog or Digital Voltmeter Output Voltage Analog or Digital Voltmeter Output Current Analog or Digital Currentmeter PROTECTION AND ALARM Output Under Voltage LED + Buzzer Beeping (Output Cutoff Optional) Output Over Voltage LED + Buzzer Beeping (Output Cutoff Optional) Overload 200kVA~600kVA: Input Cutoff + LED + Buzzer Beeping Over Termperature LED + Buzzer Beeping (Output Cutoff Optional) Phase failure LED + Buzzer Beeping Wrong Phase sequency Cant switch on regulator "P" in display + Buszzer beeping Short Circuit Input cutoff by air breaker Bypass Isolated manual bypass switch Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module SAFETY Insul	Input frequency	50Hz or 60Hz	
Rated Output Voltage L1—L2/380V L2—L3/380V L1—L3/380V Output Precision Preset at ±2% (±2%~±10% adjustable) Response time ±3%(±1% optional) Efficiency >96% Loading Ability 150% for 30s, 200% for 10s, 300% for 5s DISPLAY Input Voltage Analog or Digital Voltmeter Output Voltage Analog or Digital Currentmeter PROTECTION AND ALARM Output Under Voltage LED + Buzzer Beeping (Output Cutoff Optional) Output Over Voltage LED + Buzzer Beeping (Output Cutoff Optional) Overload 200kVA~600kVA: Input Cutoff + LED + Buzzer Beeping Over Termperature LED + Buzzer Beeping (Output Cutoff Optional) Phase failure LED + Buzzer Beeping Wrong Phase sequency Cant switch on regulator "P" in display + Buszzer beeping Short Circuit Input cutoff by air breaker Bypass Isolated manual bypass switch Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module SAFETY Insulation V / R 2,000V/60s / >5MΩ Creepage Distance >8mm	Power Factor	0.98	
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Under Voltage	LED + Buzzer Beeping (Output Cutoff Optional)	
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Phase failureLED + Buzzer BeepingWrong Phase sequencyCant switch on regulator "P" in display + Buszzer beepingShort CircuitInput cutoff by air breakerBypassIsolated manual bypass switchOutput Delay time $6s/180s$ selectableSurge/SpikeOptional, Replaceable ModuleSAFETYInsulation V / R $2,000V/60s / > 5M\Omega$ Creepage Distance $>8mm$ Grounding Resistance $>0.1M\Omega$ Cooling ModeCooling Fan	Overload		
Wrong Phase sequency Cant switch on regulator "P" in display + Buszzer beeping Short Circuit Input cutoff by air breaker Bypass Isolated manual bypass switch Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module SAFETY Insulation V / R 2,000V/60s / >5M Ω Creepage Distance >8mm Grounding Resistance >0.1M Ω Cooling Mode Cooling Fan	Over Termperature	LED + Buzzer Beeping (Output Cutoff Optional)	
Short Circuit Input cutoff by air breaker Bypass Isolated manual bypass switch Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module SAFETY Insulation V / R 2,000V/60s / >5M Ω Creepage Distance >8mm Grounding Resistance >0.1M Ω Cooling Mode Cooling Fan	Phase failure	LED + Buzzer Beeping	
Bypass Isolated manual bypass switch Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module SAFETY Insulation V / R 2,000V/60s / >5M Ω Creepage Distance >8mm Grounding Resistance >0.1M Ω Cooling Mode Cooling Fan	Wrong Phase sequency	Cant switch on regulator "P" in display + Buszzer beeping	
Output Delay time 6s/180s selectable Surge/Spike Optional, Replaceable Module	Short Circuit	Input cutoff by air breaker	
$\begin{tabular}{cccccccccccccccccccccccccccccccccccc$	Bypass	Isolated manual bypass switch	
$\frac{\text{SAFETY}}{\text{Insulation V / R}} \qquad \frac{2,000\text{V/60s / >5M}\Omega}{\text{SMm}}$ Creepage Distance $>8\text{mm}$ Grounding Resistance $>0.1\text{M}\Omega$ Cooling Mode $Cooling Fan$	Output Delay time	6s/180s selectable	
$\begin{array}{ccc} Insulation \ V \ / \ R & 2,000 \ V \ / \ S \ M \Omega \\ Creepage \ Distance & >8 mm \\ Grounding \ Resistance & >0.1 M \Omega \\ Cooling \ Mode & Cooling \ Fan \end{array}$	Surge/Spike	Optional, Replaceable Module	
Creepage Distance $>8 \text{mm}$ Grounding Resistance $>0.1 \text{M}\Omega$ Cooling Mode Cooling Fan		SAFETY	
Grounding Resistance >0.1MΩ Cooling Mode Cooling Fan	Insulation V / R	2,000V/60s / >5MΩ	
Cooling Mode Cooling Fan	Creepage Distance	>8mm	
	Grounding Resistance	>0.1ΜΩ	
	Cooling Mode	Cooling Fan	
IP Level IP20	IP Level	IP20	
Audible Noice <65dB at 1m distance with full load	Audible Noice	<65dB at 1m distance with full load	
OPERATING CONDITIONS		OPERATING CONDITIONS	
	operating Termperture	- 10°C - + 40°C	
operating Termperture - 10°C - + 40°C	Operating humidity	0%~95%, Non-condensing	
operating Termperture - 10°C - + 40°C		0%~95%. Non-condensing	
	,	27.2.2.7.7.1.2.11 00.1100.1109	















FARBER-TECHTOR™ Protects against overload

FARBER-TECHTOR™ Protects against short circuit

FARBER-WARNER™ In case of any fault or FARBER-ACCURACY™ Servo motor To ensure the accuracy and

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

