

# VG-314FM

## Alternator



### Performance Data

Brand	EMEAN
Technology Genuine	Stamford copy
Model	VG-314FM
Standby power	495KVA
Rated power	360KW
Frequency	50HZ
RPM	1500
Power factor(cos $\Phi$ )	0.8
Efficiency	<u>93.70%</u>
Insulation system	Class H
Protection	IP23
Rotor	Single bearing
Winding Connections	Star/Y, 4 wires
Excitation system	Self-excited
Voltage regulator	A.V.R SX440
Altitude	$\leq 1000\text{m}$
Voltage Stabilized regulation	$\leq \pm 1.5\%$
Voltage Instantaneous regulation	$\leq \pm 20\%$
Voltage Recovery time (s)	$\leq 1$
Voltage Fluctuation ratio	$\leq 1\%$
Voltage Wave aberration ratio	$\leq 5\%$
Frequency Stabilized regulation	$\leq 1\%$ (adjustable)
Frequency Instantaneous regulation	-10%~12%
Frequency Fluctuation ratio	$\leq 1\%$



**Brushless Alternator**



**Cold-rolled Sheet**



**Big Shaft & Copper Wire**

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WHATSAPP



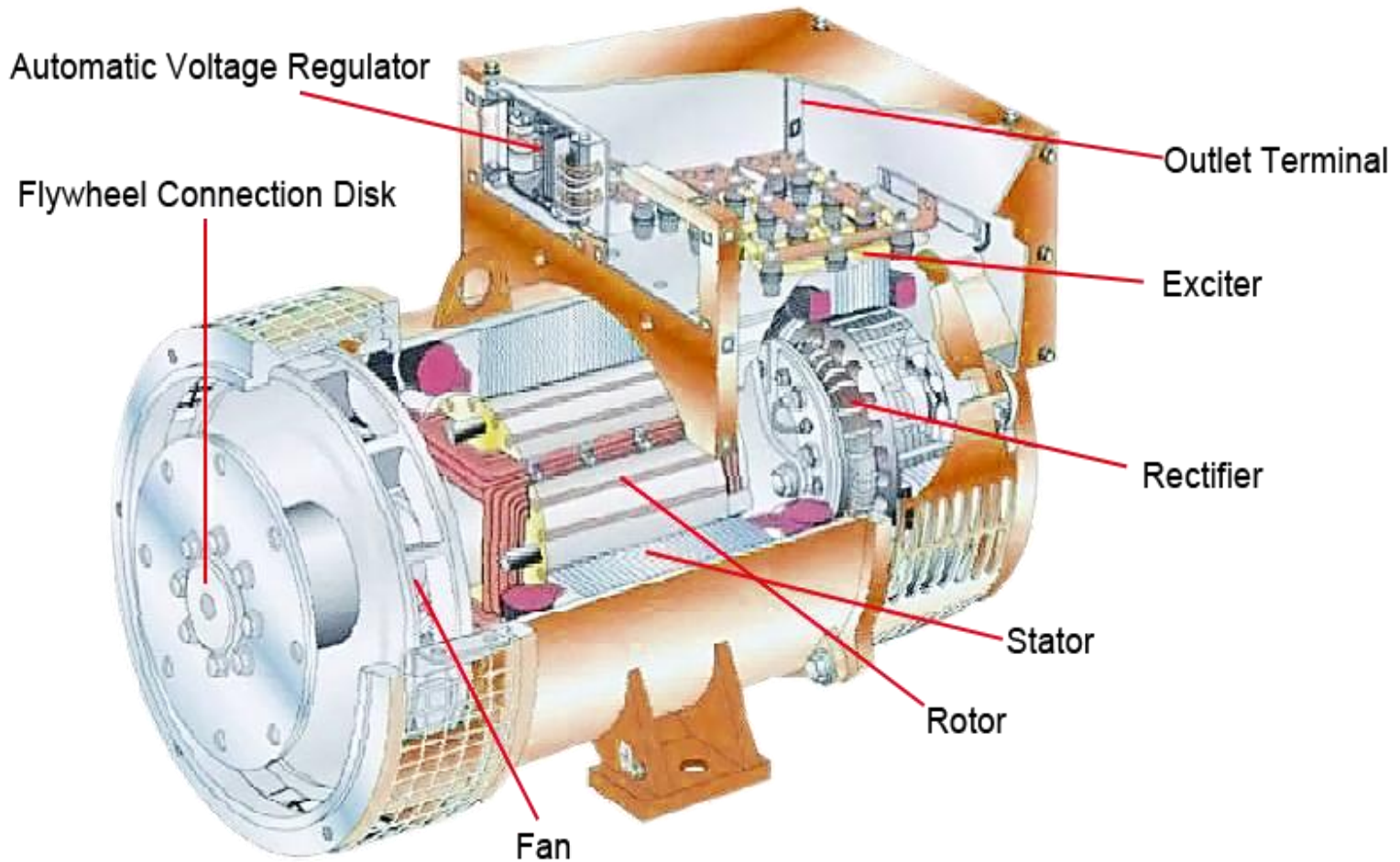
WECHAT



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## Exploded Drawing

**EMEAN**  
POWER



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