

VG-184ES

Alternator

EMEAN
POWER

Performance Data

Brand	EMEAN
Technology Genuine	Stamford copy
Model	VG-184ES
Standby power	22KVA
Rated power	16KW
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 SX460
Altitude	$\leq 1000\text{m}$
Voltage Stabilized regulation	$\leq \pm 1.5\%$
Voltage Instantaneous regulation	$\leq \pm 20\%$
Voltage Recovery time (s)	≤ 1
Voltage Fluctuation ratio	$\leq 1\%$
Voltage Wave aberration ratio	$\leq 5\%$
Frequency Stabilized regulation	$\leq 1\%$ (adjustable)
Frequency Instantaneous regulation	$-10\% \sim 12\%$
Frequency Fluctuation ratio	$\leq 1\%$



Brushless Alternator



Cold-rolled Sheet



Big Shaft & Copper Wire

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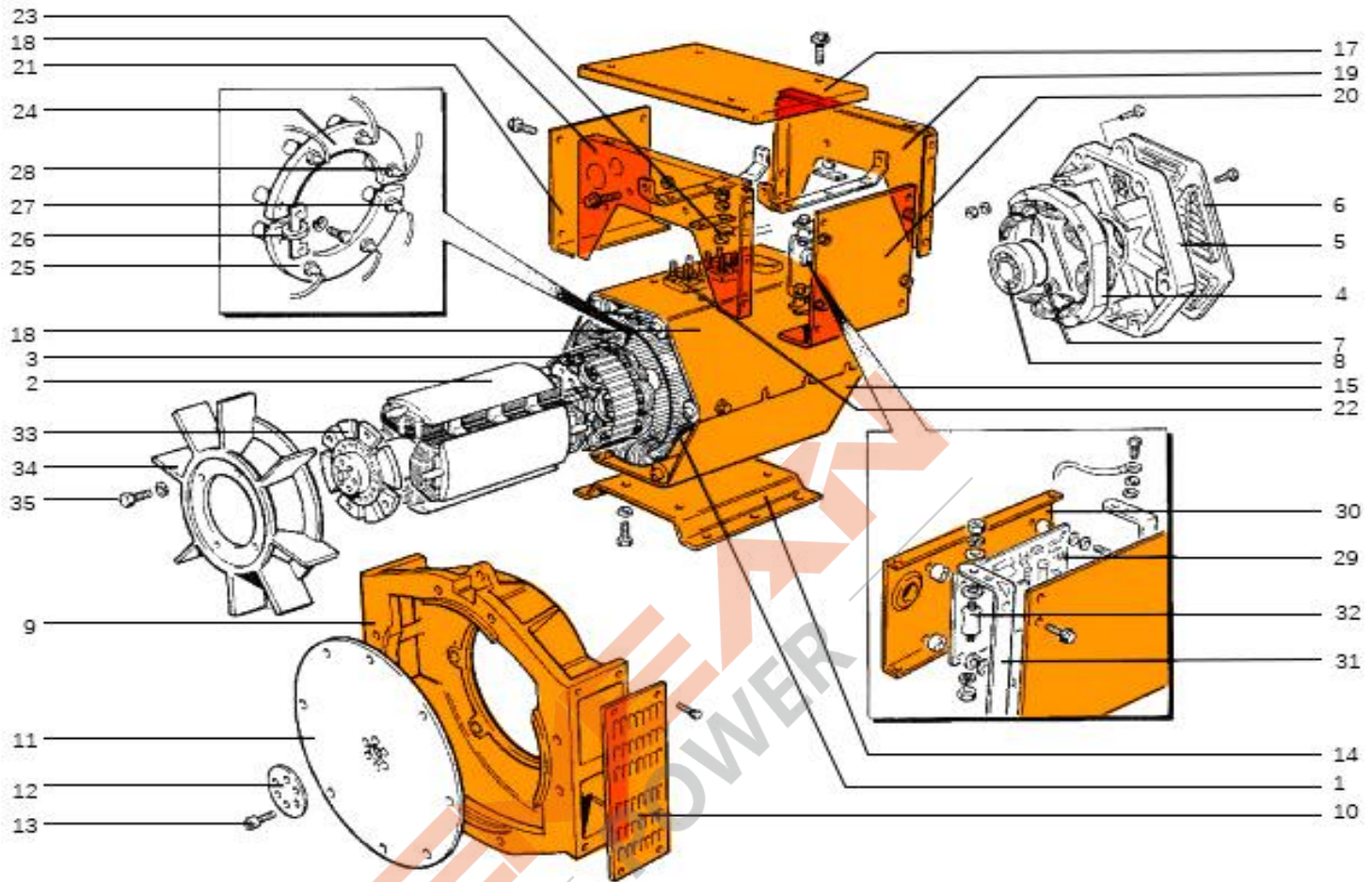
WECHAT



Alternator

Exploded Drawing

EMEAN
POWER



- | | | |
|----------------------------|---------------------------|------------------------------|
| 1.Stator | 13.Coupling screw | 25.Rectifier(reverse) |
| 2.Rotor | 14.Base | 26.Varistor |
| 3.Excitation rotor | 15.Bottom cover | 27.Diode reverse |
| 4.Excitation stator | 16.Shell | 28.Diode forward |
| 5.NDE cap | 17.Cover | 29.AVR |
| 6.NDE cover | 18.Front Plate | 30.AVR mounting plate AVR |
| 7.NDE bearing O-ring | 19.Terminal box NDE plate | 31.AVR mounting brackets AVR |
| 8.NDE bearing | 20.AVR plate | 32.Shockproof block |
| 9.Drive end flange adaptor | 21.Plake | 33.Fan base |
| 10.Drive end window board | 22.Main wiring board | 34.Fan |
| 11.Coupling disc | 23.Terminal connection | 35.Fan fastening screw |
| 12.End ring | 24.Rectifier (forward) | |

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