

# EM-R103

## RICARDO Engine

EMEAN  
POWER



### Generator Specification

Service	PRP	ESP
Power (kva)	94	103
Power (kw)	75	83
Rated Speed ( r.p.m)	1500	
Rated Power Factor	0.8 @lagging	

#### CERTIFICATE:

EMEAN Power gensets are compliant with ISO 9001 and CE standard, which include the following directives:  
EN ISO 12100:2010,  
EN ISO 8528-13:2016,  
EN 60204-1:2006+A1:2009+AC:2010,  
EN 55012:2007+A1:2009



### Performance

Engine Brand	RICARDO
Engine Model	R6105AZD/84KW
Alternator	VG-274C/80KW
Breaker	CHNIT MCCB 3P
Control System	AMF Digital Panel
Fuel Consum. @100% load	≤232g/(kWh)

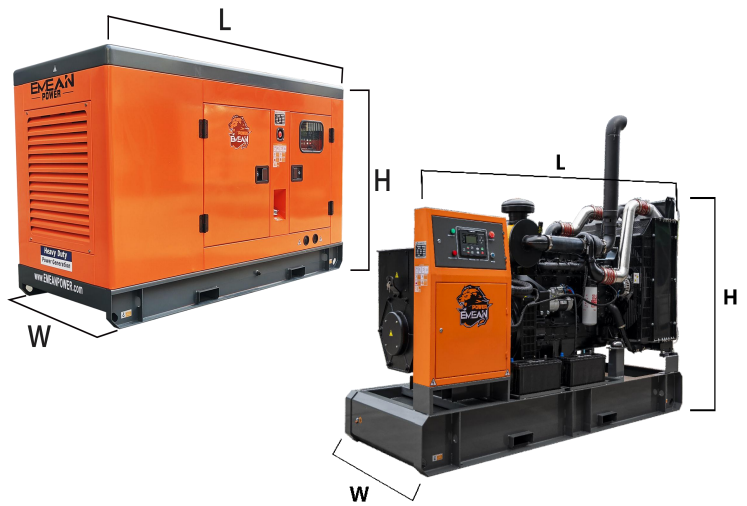
#### POWER DEFINITION:

PRP(Prime Power): Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1.

ESP(Standby Power):The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed

## Dimension

Type	Open	Silent
Length (L)	2230mm	2800mm
Width (W)	900mm	1080mm
Height (H)	1400mm	1450mm
Net Weight	1300kg	1500kg

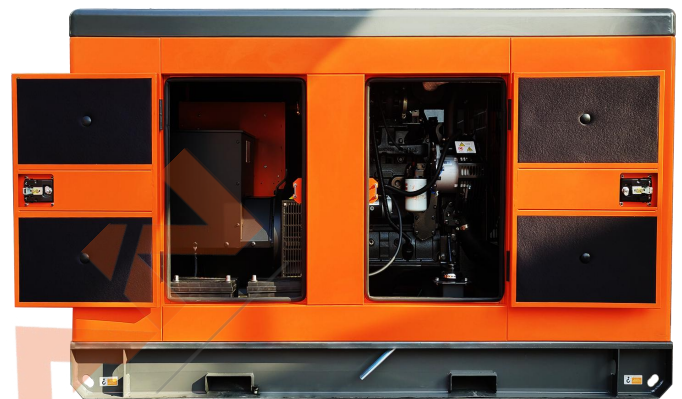


## Standard Features:

- 1.power by Brand new water cooled diesel engine
- 2.Brushless alternators (Class H, with AVR)
- 3.Working condition: 0℃~+40℃ (Antifreeze system needed if below 0℃)
- 4.Base frame fuel tank for continue 8-10hrs running
- 5.Digital control panel with auto protection
- 6.MCCB air circuit breaker for over current shutdown
- 7.Industrial silencer for silent type generator sets
- 8.Humanized design, simple operation, easy maintenance
- 9.Ventilation parts are designed with modular principles
- 10.Soundproof canopy which lined with sound reducing foam
- 11.All metal canopy parts are painted by powder foam
- 12.Glass Panel window
- 13.Lockable doors on front and back side for easy maintenance
- 14.Easy maintenance and operation
- 15.Easy lifting and moving, there is forklift hooks and crane holes on chassis
- 16.External emergency stop button
- 17.Steel chassis and anti-vibration pads
- 18.Include diesel level sensor information to the controller

## Warranty

We shall provide a warranty of 12 months or 1200 hours from B/L date (whichever comes first), covering all manufacturing defects. We replace damaged parts caused by manufacturing faults or defected parts/materials, but exclude the damageable parts due to customer's incorrect man-made operation. After expiration, we still provides technical and spare parts support with cost for maintenance.





## RICARDO R6105AZD/84KW

Please download the detailed engine data sheet



## Alternator VG-274C/80KW

Please download the detailed alternator data sheet



## Digital Control Panel

Please download the detailed controller manual



### AUTOMATIC SHUTDOWN AND FAULT CONDITIONS

- Under/over speed; fail to start
- High engine temperature; fail to stop
- Low oil pressure; charge fail
- Under/over generator volts; over current
- Under/over generator frequency; emergency stop
- Under/over mains frequency
- Under/over mains voltage
- Low/high battery volts

## CHNIT MCCB Breaker 3P



## Sealed 12/24V Dry Battery



## Option

ATS



Remote Control



Charger



Jacket Heater



Oil Heater



Extra Fuel Tank



Parallel Cabinet



Trailer



## Contact Information

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