

# EM-R22

## RICARDO Engine

EMEAN  
POWER



### Generator Specification

Service	PRP	ESP
Power (kva)	20	22
Power (kw)	16	18
Rated Speed ( r.p.m)	1500	
Rated Power Factor	0.8 @lagging	

### Performance

Engine Brand	RICARDO
Engine Model	K4100D/30.1KW
Alternator	VG-184ES/16KW
Breaker	CHNIT MCCB 3P
Control System	AMF Digital Panel
Fuel Consum. @100% load	≤258g/(kWh)

### 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



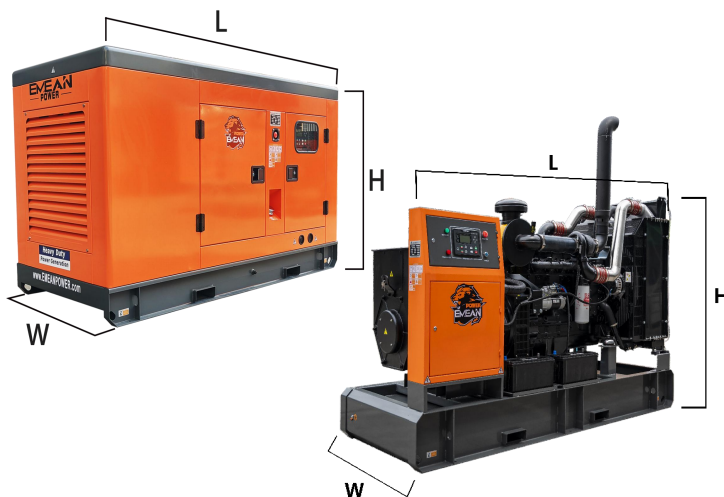
### POWER DEFINITION:

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

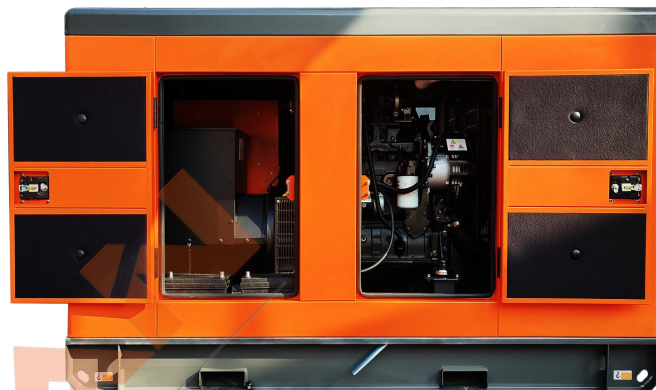
## Dimension

Type	Open	Silent
Length (L)	1500mm	2000mm
Width (W)	700mm	850mm
Height (H)	1100mm	1150mm
Net Weight	735kg	815kg



## Standard Features:

1. power by Brand new water cooled diesel engine
2. Brushless alternators (Class H, with AVR)
3. Working condition: 0°C ~ +40°C (Antifreeze system needed if below 0°C)
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. Includes 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.



## Equip With

### RICARDO K4100D/30.1KW

Please download the detailed engine data sheet



### Alternator VG-184ES/16KW

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

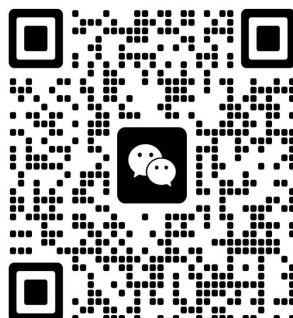
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