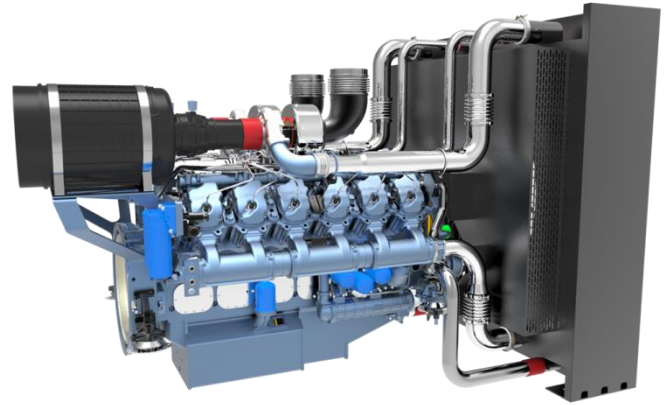


# PowerKit Engine 12M26 Series

## General Specifications

Bore & Stroke	150x150 mm
Displacement	31.8 L
Cylinder Number	12V
Compression Ratio	15.7:1
Fuel System	Mechanical Pump
Governor	Electronic
Aspiration	TA
Emission Standard	EU Stage II



Engine Speed	Engine Output		Typical Generator Output (ESP)
	Prime(PRP)	Standby(ESP)	
RPM	kWm	kWm	kWe/kVA
1500	680	748	660/825
1500	720	792	720/900
1500	820	902	800/1000
1500	880	968	880/1100

Engine Speed	Engine Output		Typical Generator Output(ESP)
	Prime(PRP)	Standby(ESP)	
RPM	kWm	kWm	kWe/kVA
1800	680	748	660/825
1800	720	792	750/938
1800	820	902	800/1000
1800	920	1012	900/1100
1800	1014	1115	1000/1250

## Standard Equipment

### Engine and block

- Cast iron cylinder block with inspection door per cylinder
- Cast iron cylinder liners, wet type and replaceable valves guides and seats
- Separate cast iron cylinder heads equipped with 4 valves
- Hardened steel forged crankshaft with induction hardened journals, crankpins and radius
- Lube oil cooled light alloy pistons with high performance piston rings

### Cooling system

- Thermostatically-controlled system with belt driven coolant pump and pusher fan

### Lubrication system

- Full flow screwable oil filters
- Lube oil purifier with replaceable cartridge
- Fresh water cooled lube oil cooler

- Manual oil pump, pre-lubricate the engine and ensure good start ability.

### Fuel system

- In line injection pump with flanged electronic governor
- Three-level filter integrate electric fuel pump, water separation filter

### Air intake and exhaust system

- Exhaust manifold and turbocharger shield heat isolate
- Air filter and compressor pipe made in injection moulding

### Electrical system

- 24V electric starter motor and battery charging alternator

### Flywheel and housing

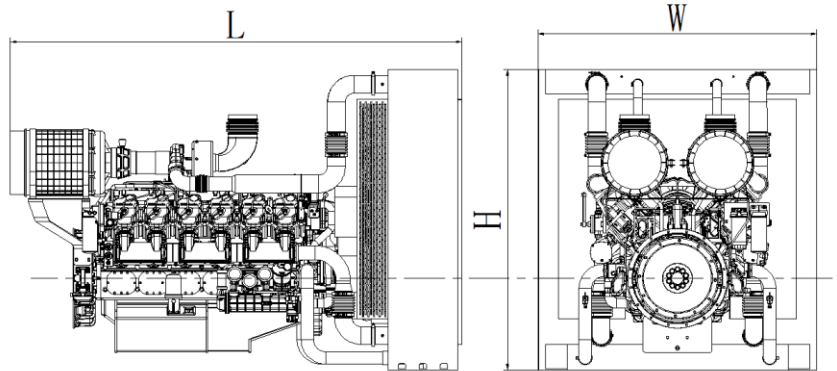
- SAE 0 flywheel housing and 18"flywheel

	Continuous Power(COP)	Prime Power(PRP)	Standby Power(ESP)
Mean engine load factor	100%	≤70% per 250 h	≤80% per 24 h
Annual working time	Unlimited	Unlimited	≤200 h
Time at full load	Unlimited(Max. load≤0.85PRP)	≤500 h per year	≤25 h per year
Overload capacity	NO	1 h per 12 h(10% overload) ≤12h per year	No

# PowerKit Engine 12M26 Series

## Dimensions and Weight

Length	3233 mm
Width	1992 mm
Height	2150 mm
Weight	3660 kg



### Power definition

Standard ISO 3046/1 -1995(F)

### Reference conditions

Ambient temperature 25°C  
 Barometric pressure 100kPa  
 Relative humidity 30%

### Fuel

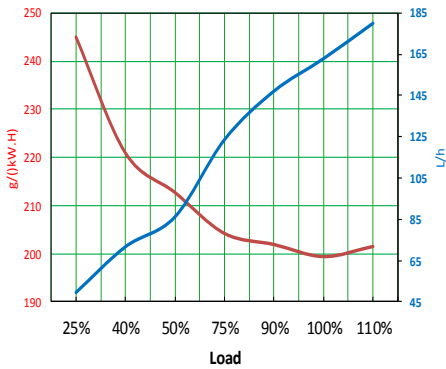
Relative density 0.840kg/L

Lower calorific power 42 700 kJ/kg

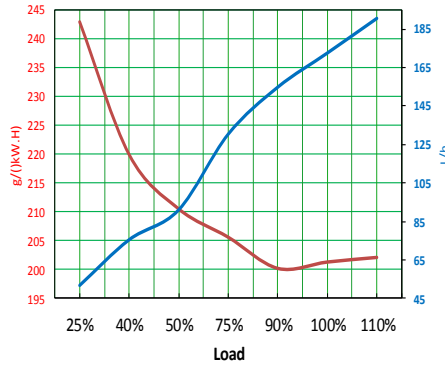
Consumption tolerances ± 5 %

### Lube oil

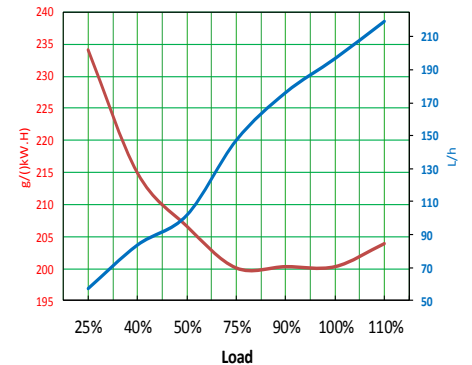
Recommend grade CF 15W/40



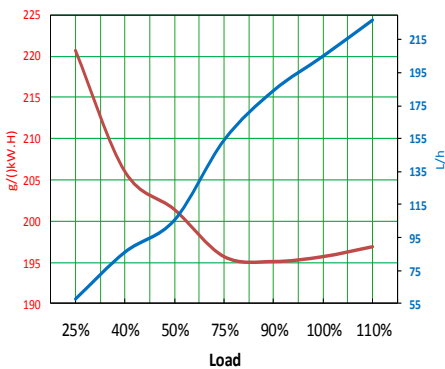
12M26G825/5e2-680kW/1500rpm



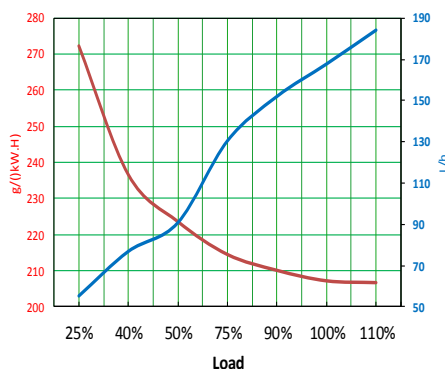
12M26G900/5e2-720kW/1500rpm



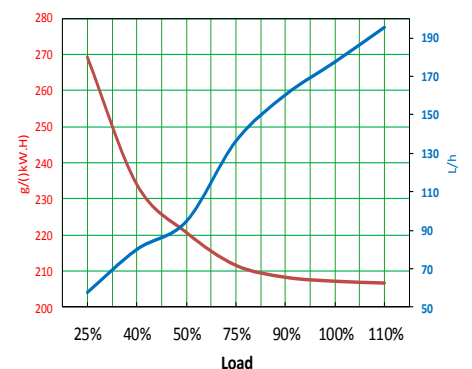
12M26G1000/5e2-820kW/1500rpm



12M26G1100/5e2-880kW/1500rpm

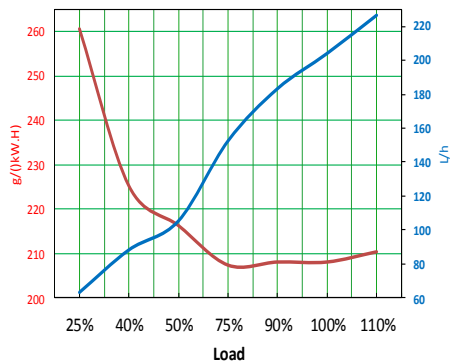


12M26G600/6e2-680kW/1800rpm

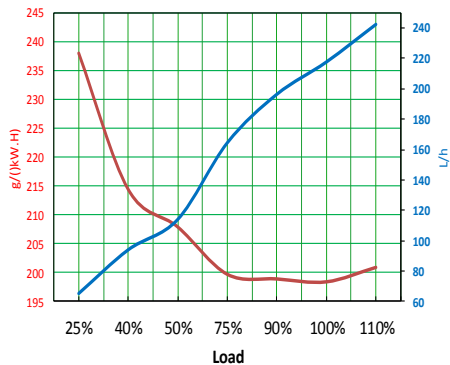


12M26G680/6e2-720kW/1800rpm

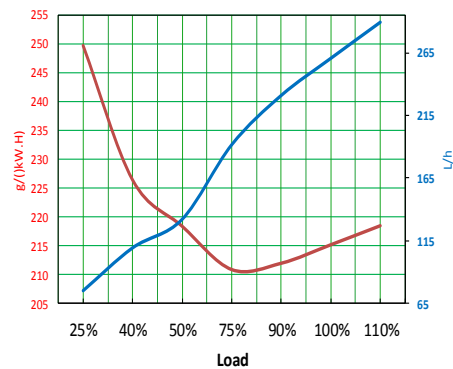
# G-Drive Engine 12M26 Series



12M26G720/6e2-820kW/1800rpm



12M26G800/6e2-920kW/1800rpm



12M26G910/6e2-1014kW/1800rpm