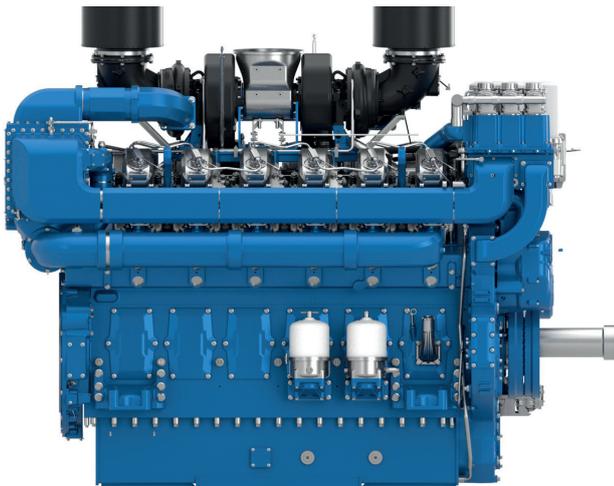


12M55

PowerKit Gas Engine



Bore & Stroke (mm)	180 x 215
Displacement (L)	65.6
N° of Cylinders	12
Cylinders Arrangement	At Vee

Customer benefits

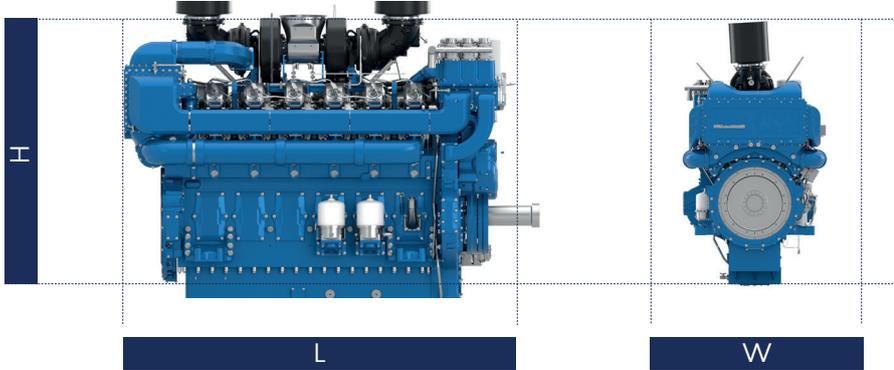
Warranty terms - 2 yrs unlimited hours PRP, 4 yrs / 800 ESP
 50°C Cooling package standard with low derating
 Extended MTBO

Gas Engine		Gross Engine Output	Typical Generator Output		Asp.	Gov.
Model	Speed RPM	COP Power kWm	COP Power			
			kWe	kVA		
12M55G6N0/5		1588	1400	1750	T/A-W	ECU

Standard Equipment

Engine and block	<ul style="list-style-type: none"> 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 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	<ul style="list-style-type: none"> Radiator and hoses supplied separately Two separate circuits High temperature circuit equipped with thermostatically-controlled system with two gear driven coolant pumps Low temperature circuit equipped with belt driven coolant pump
Lubrication system	<ul style="list-style-type: none"> Full flow screw able oil filters Lube oil purifier with replaceable cartridge Water cooled lube oil cooler
Fuel system	<ul style="list-style-type: none"> High pressure common rail system with one high pressure pump gear driven in the V angle of cylinder block Two rails mounted on the sides of the engine, double wall, under inlet manifold Duplex fine filter and water separation filter assembly with transparent cup for better efficiency Electric fuel priming pump integrated in the filters support
Air intake and exhaust system	<ul style="list-style-type: none"> The 2 compressors are feeding a single water-air intercooler, mounted over the exhaust system flywheel housing, with vertical flow Special rear mounted air filter with restriction indicator Exhaust manifold and turbocharger shield for heat isolating
Electrical System	<ul style="list-style-type: none"> 2 x 24V DC electric starter motors and n° 1 battery charging alternator Low oil pressure & high water temperature sensors
Flywheel and housing	<ul style="list-style-type: none"> SAE 0 flywheel housing and 18" flywheel

Dimensions and dry weight (mm/kg)



Gas Engine	Speed RPM	Dimensions and Dry Weight including radiator			
		L mm	W mm	H mm	Weight Kg
12M55G6N0/5	1500	3254	1794	2799	9600

Ratings definitions

Continuous Power (COP)

Continuous Power is the maximum power available for an unlimited period of use at a constant load factor. No overload capability is allowed.

