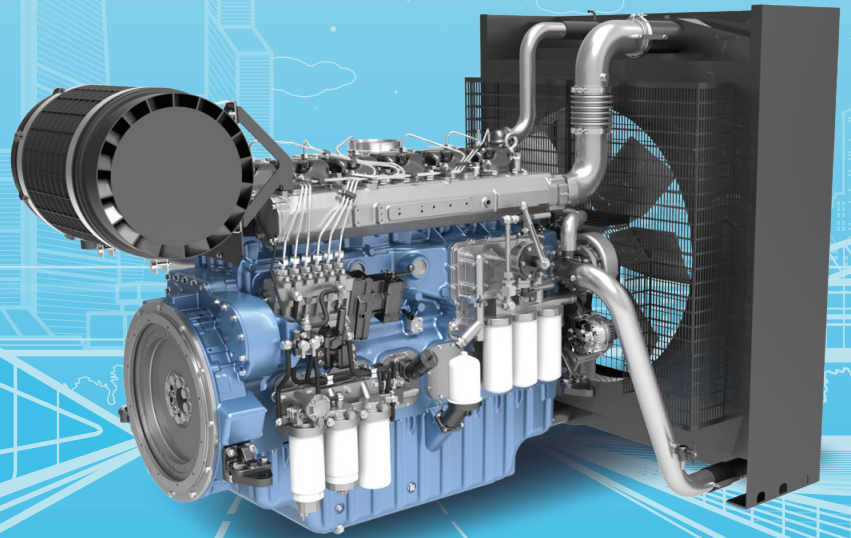


## 8M21 & 6M33 - Power Generation Application

500kWe, 625 kVA  
600kWe, 750 kVA



For over 100 years, Moteurs Baudouin have been manufacturing the highest quality engines for marine, power generation and a host of other applications. The continuous need to provide reliable and durable engines for land-based power generation, and the high-seas have led to BAUDOIN being the preferred partner by customers, successfully serving this market since 1918. The Baudouin range of G Drive engines are available from 15 kVA to 2500 kVA and are manufactured, distributed and serviced by SHIG India based at Pune, Maharashtra.

Baudouin generating sets are widely used across the sectors like commercial & residential realty, Infrastructure (Airports/Metros/Roads/Bridges/Tunnels), hospitality, shopping malls, convention centre, IT/TES & Datacentre applications.

### Engine Features



High pressure common rail system. More reliable and reduced stress on injectors, which helps to reduce wear and tear.



Best in class block loading. More than 50% block loading capability.



Low lube oil sump capacity. More than 10% lower sump capacity means savings on lube oil quantity



High power to weight ratio with low life cycle cost.



Air intake exhaust manifold and turbocharger provided with shield to isolate heat.



Cast iron cylinder block with rugged body construction designed to minimize vibrations and low noise level.

<b>ENGINE BASIC DATA</b>		
Engine model	8M21G688/5E3	6M33D660E310
Suitable kVA rating	625	750
Max Engine Power (kWm) / Engine Speed (rpm)	615 / 1500	725 / 1500
Bore x stroke (mm)	127 x 165	150 x 185
Displacement (L)	16.72	19.6
No. of cylinders	8 - V	6 - Inline
Aspiration	Turbocharged - Aftercooled	
Compression Ratio	15 : 1	
<b>PERFORMANCE DATA</b>		
Load Factor	Fuel Consumption Litres/hr	
75%	92.6	129.5
100%	127.8	165.2
<b>LUBRICATION SYSTEM</b>		
Total lube oil capacity (L)	44	61
Lube oil consumption and fuel consumption ratio	<0.2%	
Recommended lube oil specification	CI4 + 15W40	
<b>FUEL SYSTEM</b>		
Injection pump type	HPCR	
Governor method	ECU	
Governing class	G3	
<b>ELECTRICAL SYSTEM</b>		
Starting system voltage	24V DC	
Recommended battery capacity (Ah)	150	150
<b>COOLING SYSTEM</b>		
Total coolant capacity (L)	101	159
Recommended coolant specification	50 : 50 Ethylene glycol premix	
<b>DIMENSIONS AND WEIGHT (POWER PACK)</b>		
Length (mm)	2206	2798
Width (mm)	1521	1680
Height (mm)	1836	1954
Weight (Kg)	1819	2620

**Power rating definition and special notes :**

- Prime Power (PRP): Applicable for supplying power for varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overloaded capability is available in accordance with ISO 3046 and IS 13018.
- Fuel consumption data is based on diesel with specific gravity of 0.85 and confirming to IS: 1460. Fuel consumption tolerance is +5%.
- Conformance Standards: BS5514, ISO 3046

Specification are subject to change due to continuous improvement and are for reference only.

Survey no. 280/281, Hinjewadi Phase II, Village Maan, Tal - Mulshi, Pune - 411057.

Website : [www.baudouinindia.com](http://www.baudouinindia.com) | Email : [info@baudouinindia.com](mailto:info@baudouinindia.com)

Telephone : 020-67921100 | Follow Us : [f](#) [i](#) [t](#) [i](#) [v](#)