



**Embracing a
Greener
Tomorrow**
with Baudouin's
CPCB IV+
compliant engines



Introducing CPCB IV+ series of Cleaner, Greener, and Energy-efficient Diesel engines for backup power generation

In today's rapidly evolving world, the demand for environmental friendly products has been on the rise due to growing environmental concerns and CPCB IV+ compliant engines marks a significant milestone in the pursuit of cleaner and more sustainable energy generation.

Among the most extensive and strict regulations for engines used in back-up power requirement are met by CPCB IV+.

Baudouin Diesel engines (from a range of 100 kVA to 750 kVA) are developed by closely exploring the key features, environmental benefits, and future prospects mentioned in CPCB IV+ norms.

Unique Features



HPCR (High Pressure Common Rail Fuel Injection System) - Better transient response time leading to Better fuel efficiency & Efficient emission control



Oil sump - Low lube oil sump capacity; Higher oil change interval of 500 Hours leads to low maintenance cost



Robust & sturdy Engine block - Low vibration



Piston - Show just the movement of pistons



IoT - Telematics for engine health monitoring & performance tracking



Compact design - Better Power to weight ratio



ATS - Advanced After treatment system for better emission control

WHY CHOOSE US

Proven legacy: 100+ years of heritage, more than a decade in India

Seamless transition from CPCB II to CPCB IV+: Our HPCR, ATS and other systems are already running success fully, with a proven track record from an installed base

Better fuel efficiency

Improved Service Network & parts Support: We are further improving our service network, ensuring you receive the support you need, whenever you need it

Low total cost of ownership *

Model	4M12G2D4/5	4M12G4D4/5	4M12G6D4/5	6M12G2D4/5	6M12G4D4/5	6M12G6D4/5	6M21G0D4/5	6M21G2D4/5	6M21G4D4/5	6M21G6D4/5	6M33G2D4/5
Certified power in HP	134	168	181	263	292	315	389	494	526	604	771
No. of cylinders	4			6			6			6	
Bore (mm) x Stroke (mm)	108 x 125			108 X 136			127 X 165			150 X 185	
Compression ratio	17:1			17.5 : 1			15.7 :1			'15:1	
Displacement (litre)	4.58			7.47			12.54			19.6	
Aspiration	Turbocharged, Charge Air Cooled			Turbocharged, charge air cooled			Turbocharged, charge air cooled			Turbocharged, charge air cooled	
Fuel	High Speed Diesel			High speed diesel			High speed diesel			High speed diesel	
DEF	AUS 32 (Premix) as per ISO 22241			AUS 32 (Premix) as per ISO 22241			AUS 32 (Premix) as per ISO 22241			AUS 32 (Premix) as per ISO 22241	
Cooling	Liquid Cooled (EG Compleat 50:50)			Liquid Cooled (EG Compleat 50:50)			Liquid Cooled (EG Compleat 50:50)			Liquid Cooled (EG Compleat 50:50)	
Total coolant capacity (litre)	17.6			41.5			62			159	
Lube oil sump capacity, low-high (litre)	9.5/16			15 / 24			29 / 34			36 / 61	
Total lubrication system capacity (litre)	17			28			38			64	
Lube oil specification	CK4			CK4			CK4			CK4	
Performance class of generator set	G3			G3			G3			G3	
Starting system	24 V DC Electrical			24 V DC Electrical			24 V DC Electrical			24 V DC Electrical	
Minimum Exhaust pipe diameter (mm)	50			100			105			200	
Total wet weight (Engine + radiator)(kg)	544.2			929			1287			2689	
Length X width X height (Coolpac) (mm)	980 x 675 x 960			1900 X 1000 X 1200			2032 X 1232 X 1490			2798 X 1680 X 1954	

