

EICHER 82.5 KVA

CPCB IV Compliant Heavy-Duty Diesel Generator

E494 ENGINE

The **82.5kVA CPCB IV EICHER** branded diesel generator is powered by an advanced in-line 6-cylinder, 4.95-liter, turbocharged intercooled engine. Designed with world-class engineering technology, Eicher branded engines deliver superb fuel economy, high reliability, and uninterrupted power supply—making them the right choice for modern industrial and commercial power generation.

KEY PERFORMANCE SPECIFICATIONS

OUTPUT POWER RANGE 82.5 kVA	ENGINE MODEL E494
DISPLACEMENT 3.8 Liters	SPEED & FREQUENCY 1 500 RPM / 50 Hz

ENGINE & STRUCTURAL FEATURES

Turbocharged Intercooled In-line 6-cylinder engine architecture engineered for high power output and smooth continuous load management.	Superb Fuel Economy Engineered with modern precision fuel injection to maximize power delivery while reducing overall fuel costs.
CPCB IV Emission Ready Fully compliant with current national environmental standard guidelines for reduced emissions and quiet operation.	Uninterrupted Reliability Built heavy-duty to maintain operational continuity across demanding industrial and commercial backup cycles.

DETAILED TECHNICAL DATA

Parameter	Technical Specification
Power Rating	82.5 kVA / 3-Phase Power Generation
Engine Brand & Model	EICHER E494
Engine Architecture	In-line 6-Cylinder, 4.95L Class, Turbocharged Intercooled
Engine Displacement	3.8 Liters
Operating Speed / Frequency	1 500 RPM @ 50 Hz
Emission Norms	CPCB IV Compliant

Eicher 82.5 kVA CPCB IV Diesel Generator (E494 Engine)

The **82.5 kVA CPCB IV Eicher Diesel Generator** is engineered to deliver reliable backup power, superior fuel economy, and low operational costs for commercial and industrial operations. Powered by the proven **EICHER E494 engine**—an in-line 6-cylinder, 4.95-liter class turbocharged intercooled unit—this generator combines world-class engineering with peak power efficiency.

Why Choose the 82.5 kVA Eicher Power Generator?

- **World-Class Fuel Economy:** Eicher's specialized 6-cylinder engine architecture optimizes fuel consumption for lower continuous running costs.
- **CPCB IV Emission Compliant:** Adheres to strict environment standards for reduced sound levels and minimal exhaust emissions.
- **Heavy-Duty Reliability:** Operates at 1500 RPM / 50 Hz to guarantee steady voltage output under heavy startup loads.

Key Technical Overview

Output: 82.5 kVA | **Engine:** EICHER E494 (3.8 Liters) | **Configuration:** 6-Cylinder Turbocharged Intercooled | **Compliance:** CPCB IV Norms