

**WEICHAH Key_components**
NEW INDUSTRIAL DIESEL ENGINE

Industrial diesel engine 295 HP / 220 kW for generator sets 154-198 kVA. Inline 6-cylinder diesel 7.8 L, 1500 RPM.

Direct supply of industrial engines from ChinaCar.pw without intermediaries at competitive prices. New, refurbished and contract power units from leading global manufacturers available in stock. Quality guarantee, technical support and delivery across Europe and Ukraine. Individual engine selection for your requirements.

Jacek Nowak
TECHNICAL ENGINEER CHINACAR.PW

Mechanical engineer with 15 years of experience. Expert in instrumental diagnostics, defect detection and factory restoration of special equipment, hydraulic units and commercial aggregates at production sites in China.

**1. IDENTIFICATION & ORIGIN**

Engine Model	Key_components	Factory Code	DCEC
Series	Key	Year of Manufacture	2026
Brand	WEICHAH	Serial Number	Assigned upon order
Production Type	License Production (Cummins Inc.)	Condition	Factory New
Manufacturing Site	Wuxi, Jiangsu Province, China	Application	Power Generation

2. TECHNICAL SPECIFICATIONS

Basic Design	Power & Torque	Fuel System
Type: Diesel	Rated Power: 220 kW / 295 HP	Injection System: Common Rail
Configuration: Inline	Rated Speed: 1500 RPM	Injection Pump: Bosch
Cylinders: 6	Max Torque: 1200 Nm	Injectors: CRIN
Displacement: 7.8 L	@ RPM: 1500	Turbocharger: Holset
Bore × Stroke: 102 × 120 mm	Aspiration: Turbocharged	Intercooler: Yes
Compression Ratio: 17.0:1	Cooling: Liquid	Emission Standard: Stage IIIA / Tier 3

3. OPERATING DATA & SERVICE LIFE

Fluids & Capacities	Service Life & Maintenance	Operating Conditions
Oil Capacity: 16 L	TBO (Time Before Overhaul): 15000 hrs	Temperature Range: -25°C to +45°C
Coolant Capacity: 12 L	Service Interval: 500 hrs	Max Altitude (no derating): 2500 m
Oil Pressure (nom.): 2.8-4.2 bar	Oil Change Interval: 250 hrs	Derating per 1000m: 4%
Fuel Consumption @75%: 210 g/kWh	Filter Change Interval: 500 hrs	Rotation Direction: CCW (flywheel view)

4. COMPATIBILITY & APPLICATION

Mechanical Interface	Electronics	Compatible Equipment
Flywheel Type: SAE 3	ECU Version: CM2150	Genset: 154-198 kVA
SAE Housing: SAE 3	Calibration: Industrial	Frequency: 50 Hz / 1500 RPM
Dry Weight: 500 kg	Protocols: J1939	Pump Stations: Yes
Dimensions (L×W×H): 1000 × 700 × 900 mm	Voltage: 24V DC	Compressors: Yes

5. SCOPE OF SUPPLY

Included in Delivery	Not Included (Optional)
✓ Complete Engine Assembly	✗ Radiator
✓ Electric Starter	✗ Exhaust System
✓ Charging Alternator	✗ Hydraulic Coupling
✓ Turbocharger Holset	✗ Air Filter Assembly
✓ ECU with Calibration	✗ Fuel Tank
✓ Engine Wiring Harness	✗ Batteries
✓ Injection Pump Bosch	✗ Control Panel
✓ Injectors CRIN	✗ Mounting Frame

6. CERTIFICATION & COMPLIANCE			
Emission Standard	Stage IIIA / Tier 3	Quality Management	ISO 9001:2015
ISO 14001	ISO 14001:2015	Environmental Management	ISO 14001:2015
CE Compliance	Directive 2006/42/EC (Machinery)	Factory Test Certificate	Provided with each engine
ISO 9001	ISO 14001	CE	Stage IIIA / Tier 3
7. WARRANTY TERMS			
Warranty Coverage		Warranty Exclusions	
Period: 12 months or 2000 hrs (whichever comes first)		✗ Engine overheating	
Start: From commissioning date (max 3 months from delivery)		✗ Oil / fuel starvation	
Procedure: Claim → Diagnostics → Resolution (up to 18 days)		✗ Unauthorized installation	
		✗ Mechanical damage	
8. LOGISTICS & DOCUMENTATION			
Logistics		Documentation Package	
Packaging: Wooden crate / steel frame		✓ Commercial Invoice	
Compliance: ISPM 15		✓ Packing List	
Shipping From: Guangzhou, China		✓ Certificate of Origin	
Delivery: 28-33 days		✓ Factory Test Report	
HS Code: 8408.90		✓ Operation Manual (EN)	
Incoterms: FOB / CIF / DAP / DDP		✓ Spare Parts Catalog	
9. COMMERCIAL TERMS			
Contract Currency	USD / EUR / CNY (negotiable)		
Payment Terms	TT 30% advance, 70% before shipment / L/C at sight		
Lead Time	28-33 days from advance payment receipt		
Minimum Order	1 unit		
Special Terms	Custom terms available for orders of 5+ units		
10. LEGAL NOTICE			
<div>⚠ IMPORTANT:</div> <div>1. Engines are intended for industrial applications only. 2. Installation must be performed by a qualified organization with appropriate certification. 3. The buyer is responsible for ensuring compliance with applicable regulations in the country of operation. 4. Technical parameters must be verified against the manufacturer's official catalog. 5. Manufacturer warranty does not replace buyer's incoming inspection. 6. This document is not a public offer. Terms to be specified in the contract.</div>			