



**Category: Power Generators**

# Cummins C440D5 NTA885G7 440 kVA Power Generator

## Ratings & Electrical

- Prime Power: 352 kW / 440 kVA
- Standby Power: ~387 kW / 484 kVA
- Frequency: 50 Hz
- Speed: 1500 rpm
- Voltage: 400/230 V (3-phase)
- Power Factor: 0.8 (lagging)
- Alternator Insulation: Class H
- Voltage Regulation:  $\pm 1\%$

## Engine / Mechanical

- Engine Model: Cummins NTA885G7
- Configuration: 4-stroke, 6-cylinder, inline, turbocharged & aftercooled
- Displacement: 14 L
- Bore × Stroke: 135 mm × 152 mm
- Compression Ratio: 16.0 : 1
- Lubricating Oil Capacity: ~65 L
- Coolant Capacity: ~80 L

## Fuel & Consumption

- Fuel Type: Diesel
- Fuel Consumption @100% Load: ~160 L/h
- Fuel Consumption @75% Load: ~120 L/h
- Fuel Tank Capacity: ~1300 L (typical enclosure)

## Cooling, Exhaust & Air

- Exhaust Gas Temperature: ~575 °C
- Exhaust Gas Flow: ~48 m<sup>3</sup>/min
- Max Exhaust Back Pressure: 10 kPa
- Cooling System: Radiator-cooled, tropical rating

## Physical Dimensions & Weight

- Dimensions (L × W × H): ~4300 mm × 2000 mm × 2450 mm
- Weight (approx.): ~4800 kg (open set)

## Alternator & Control

- Alternator Frame: Stamford or equivalent, Class H insulation
- Control Panel: Cummins/DeepSea electronic controller
- Features: Monitoring, protection & optional auto-start/stop