



The Cat® C4.4 ACERT™ Industrial Power Unit is offered in ratings ranging from 96.5 kW (129.4 bhp) @ 2200 rpm. These ratings meet U.S. EPA Tier 3 equivalent, EU Stage IIIA equivalent emission standards. Conveniently pre-configured for a wide range of applications, the Cat® Industrial Power Unit is a complete power package containing a radiator, flywheel, alternator and alternator wiring completely pre-assembled for fast, straightforward installation in a number of OEM, customer and packager applications. These fuel efficient units are ready made for irrigation, industrial, mining and other pump applications.

Specifications

Power Rating		
Minimum Rating	96.5 kW	129.4 BHP
Maximum Rating	96.5 kW	129.4 BHP
Rated Speed	2200 rpm	

Emission Standards	
Emissions	U.S. EPA Tier 3 Equivalent, EU Stage IIIA Equivalent

General	
Engine Configuration	Inline 4, 4-Stroke-Cycle Diesel
Bore	105 mm (4.1 in)
Stroke	127 mm (5.0 in)
Displacement	4.4 L (268.5 in ³)
Aspiration	Turbocharged Aftercooled (TA)
Compression Ratio	16.2:1
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise

Power Unit Dimensions - Approximate	
Height	963 mm (37.9 in)
Length	1358 mm (53.5 in)
Weight - Net Dry - Standard Configuration Without Oil, Cooling, Clutch, Compressor, A/C	520 kg (1146 lb)
Width	749 mm (29.5 in)

Benefits and Features

Reliable, Quiet and Durable Power



World-class manufacturing capability and processes coupled with proven core engine designs assure reliability, quiet operation, and many hours of productive life.

Fuel Efficiency

Fuel consumption optimized to match operating cycles of a wide range of equipment and applications while maintaining low operating costs.

World-class Product Support Offered Through Global Cat Dealer Network

- Scheduled maintenance, including SOSSM sample
- Customer Support Agreements (CSA)
- Caterpillar Extended Service Coverage (ESC)
- Superior dealer service network
- Extended dealer service network through the Cat Industrial Service Distributor (ISD) program

Standard Equipment**Air Inlet System**

- Mounted air filter and turbocharger

Control System

- Available in 12 volt or 24 volt systems
- Starter motor 12V or 24V

Cooling System

- Fan (pusher or puller)
- Fan drive
- Radiator
- Water pump

Flywheels and Flywheel Housing

- Flywheel
- SAE No. 3 flywheel housing

Fuel System

- Fuel filter
- ACERT™ Technology

Lube System

- Oil cooler
- Lube oil filter
- Timing case oil filler

Mountings

- Engine mounting brackets

Power Take Off (PTO)

- SAE A or SAE B front PTO (142/280 NM)

General

- Paint: Caterpillar yellow, with optional colors available at request



The International System of Units (SI) is used in this publication. CAT, CATERPILLAR, their respective logos, ADEM, EUI, S•O•S, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.