

Power Onward™



# Discover the complete spectrum of power

S17 Centum™ Series

600-1000kW



# Unmatched power density in a compact design

Built on a groundbreaking 17-liter engine, this revolutionary power solution reflects Cummins's century of engineering excellence and innovation. Designed from a clean sheet for urban demands, the S17 Centum Series delivers a robust 1000kW in a compact footprint, ensuring high-performance, cost-efficient power for smooth operations in demanding conditions.

| Model Name | Standby Ratings kW | Frequency (Hz) | Engine Model | Standard Alternator | Standard Controller | Emissions |
|------------|--------------------|----------------|--------------|---------------------|---------------------|-----------|
| C600D6E    | 600                | 60             | S17-G1       | S6                  | PC2.3               | EPA T2    |
| C750D6E    | 750                | 60             | S17-G1       | S6                  | PC2.3               | EPA T2    |
| C800D6E    | 800                | 60             | S17-G1       | S6                  | PC2.3               | EPA T2    |
| C900D6E    | 900                | 60             | S17-G1       | S6                  | PC3.3               | EPA T2    |
| C1000D6ED  | 1000               | 60             | S17-G1       | S6                  | PC3.3               | EPA T2    |



# Unlock the advantages

## More Power. Less Space

- Compact design saves space and simplifies installation while delivering industry-leading power density. Achieves maximum energy output without a larger unit, at a lower cost per kW.

## Proven Reliability

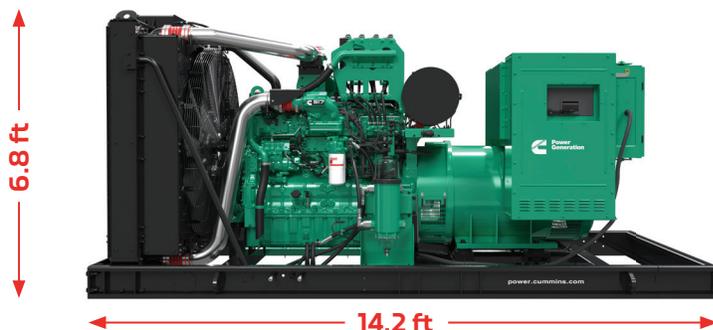
- With over 25,000 hours of rigorous testing and validation, the S17 is built to perform under the toughest conditions. By taking a clean-sheet approach and purpose-building it for power generation, the S17 elevates sustained performance while maximizing power density to an entirely new level.

## Sustainable by Design

- Engineered with sustainability at its core, supports compatibility with paraffinic fuels such as HVO, helping reduce emissions and enable cleaner, more sustainable power generation. The lightweight, compact design minimises material use and reduces transportation costs, making it more efficient and environmentally responsible.

## Low Cost of Ownership

- Engineered to reduce both upfront and lifecycle expenses, the S17 offers longer service intervals, reduced maintenance costs, industry-leading 3-year base warranty, and the support of Cummins' extensive distribution network.



# Key features and benefits

## US EPA Tier 2 Certified

- Proven performance for emergency standby applications.

## Complies with industry standard codes and regulations

- UL2200, CSA22.2 No.100.
- NFPA 110.
- IBC, OSHPD.

## ISO 8528 transient performance and NFPA110 block load capability

- Delivers exceptional performance with ISO 8528 class G3 capable transient and steady-state response.
- Accepts 100% block load in one step.

## Stamford S6 Alternators with CoreCooling technology

- Compact design with multiple low voltage options and various core sizes.

## PowerCommand Control 2.3/3.3

- Advanced paralleling.
- Masterless Load Demand (MLD).

## Cooling system rated at 50°C at maximum available power

- Built for North America.
- Rugged design for even the hottest days of the year.

## Steel and Aluminum Enclosures

- Weather, Sound Level 1 & 2, wind-rated factory-fitted enclosure.
- Aerodynamic design for better internal airflow.
- Easy access to frequently changed parts.

## High capacity 12-hr and 24-hr fuel tanks

- UL142 and ULC S601 compliance.
- Various fuel tank accessories to meet regional compliance requirements.

## Multiple circuit breakers for load connection flexibility

- Configure up to 3 circuit breakers on open sets.
- Manual and motorized breakers.

## 3-year / 1000-hours base warranty

- Industry-leading warranty.



# The S17, a future-ready engine

The S17 pushes the boundaries of power density while remaining reliable and durable, reflecting Cummins' commitment to excellence and innovation.

## Two-Stage Turbocharger

- Optimal airflow and volumetric efficiency for peak engine performance.

## Advanced Fuel System

- Robust, reliable fuel system adapted from Cummins' heavy-duty technology for 1000kW power generation.

## Optimized Cooling Strategies

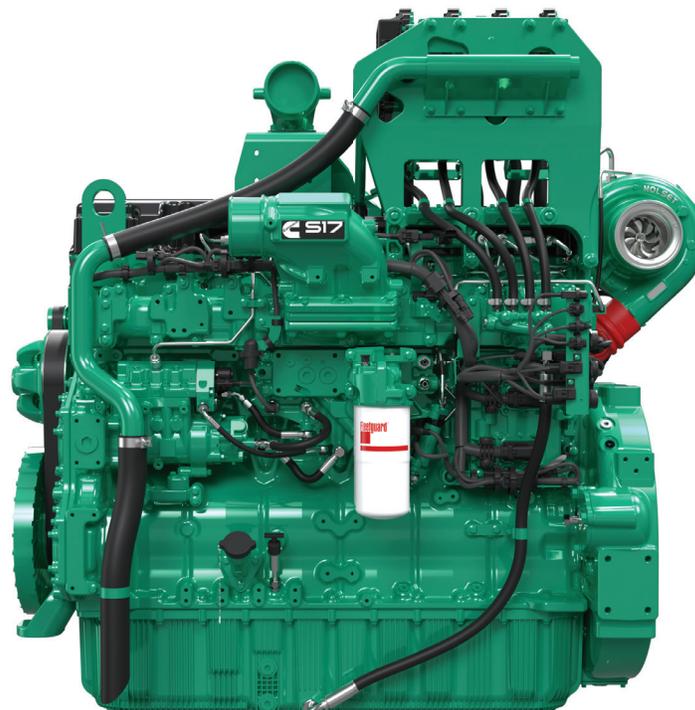
- Innovative cylinder cooling and coolant flow paths efficiently manage heat, boosting durability.

## Precision Material Usage

- Advanced design tools place material precisely for optimal strength, efficiency, and a compact design.

## Engineered Bearing Design

- Compact bearing system engineered to withstand extreme stresses of a 1000kW alternator, all while maintaining an impressively small footprint.



# Customized power solutions

| SUBSYSTEM                                    | FEATURES & OPTIONS                                                              |
|----------------------------------------------|---------------------------------------------------------------------------------|
| <b>ENGINE</b>                                |                                                                                 |
| Battery Charging Alternator                  | ●                                                                               |
| Fuel Filters                                 | ●                                                                               |
| Water in Fuel (WIF) Sensor                   | ●                                                                               |
| 24 VDC Electric Starter                      | ●                                                                               |
| Engine Oil Filters                           | ●                                                                               |
| Lube Oil Heater                              | ●                                                                               |
| Coolant Heater                               | ○                                                                               |
| Mufflers (Industrial, Residential, Critical) | ○                                                                               |
| <b>SET MOUNTED COOLING SYSTEM</b>            |                                                                                 |
| High Ambient Temperature (40°C)              | ●                                                                               |
| Enhanced High Ambient Temperature (50°C)*    | ○                                                                               |
| Shutdown - Low Coolant Level                 | ●                                                                               |
| Warning - Low Coolant Level                  | ○                                                                               |
| * Up to maximum available power              |                                                                                 |
| <b>AIR CLEANER</b>                           |                                                                                 |
| Normal Duty Air Cleaner                      | ●                                                                               |
| Heavy Duty Air Cleaner                       | ○                                                                               |
| Mechanical Restriction Indicator             | ●                                                                               |
| Electronic Restriction Indicator             | ○                                                                               |
| <b>ALTERNATOR</b>                            |                                                                                 |
| Temperature Rise ©                           | 80,105,125,150                                                                  |
| Low voltage Options                          | 120/208; 127/220;<br>220/380; 230/400;<br>240/416; 255/440;<br>277/480; 347/600 |
| Anti-condensation Heater                     | ○                                                                               |
| Winding RTDs                                 | ○                                                                               |
| <b>CIRCUIT BREAKER</b>                       |                                                                                 |
| Manually Operated                            | ○                                                                               |
| Electrically Operated                        | ○                                                                               |
| 250A                                         | ○                                                                               |
| 400A                                         | ○                                                                               |
| 600A                                         | ○                                                                               |
| 800A                                         | ○                                                                               |
| 1200A                                        | ○                                                                               |
| 1600A                                        | ○                                                                               |
| 2000A                                        | ○                                                                               |
| 2500A                                        | ○                                                                               |
| 3000A                                        | ○                                                                               |
| CB Accessory                                 | ○                                                                               |
| Circuit Breaker Lugs                         | ○                                                                               |
| Ground Fault Indication                      | ○                                                                               |
| Circuit Breaker Heater                       | ○                                                                               |

| SUBSYSTEM                          | FEATURES & OPTIONS |
|------------------------------------|--------------------|
| <b>ENTRANCE BOX</b>                |                    |
| Top Entry                          | ○                  |
| Bottom Entry                       | ○                  |
| <b>ENCLOSURE &amp; CHASSIS</b>     |                    |
| Weather Enclosure                  | ○                  |
| SL1 Enclosure                      | ○                  |
| SL2 Enclosure                      | ○                  |
| Onan Green Color                   | ○                  |
| Sandstone Color                    | ○                  |
| Intake Louvers AC/DC               | ○                  |
| Outtake Louvers AC/DC              | ○                  |
| AC Distribution Panel              | ○                  |
| Service Receptacle                 | ○                  |
| External Stop Switch               | ○                  |
| Enclosure Lights                   | ○                  |
| Wind Rating - 120 mph              | ○                  |
| Wind Rating - 180 mph              | ○                  |
| <b>POWERCOMMAND® 2.3 &amp; 3.3</b> |                    |
| PC3.3 Paralleling (*)              | ○                  |
| PC3.3 Paralleling with MLD         | ○                  |
| Control Mounting                   | **                 |
| PC2.3                              | ●                  |
| AC Output Analog Meters            | ○                  |
| AmpSentry™ Protective Relay (***)  | ○                  |
| Engine Shutdown Alarm              | ○                  |
| LCD Display                        | ●                  |
| Control Cabinet Heater             | ○                  |
| Exhaust Gas Temp Gauge             | ○                  |
| Running Time Display               | ○                  |
| User Configured Relays             | ○                  |
| 8 Additional I/O Relay             | ○                  |
| <b>FUEL TANKS</b>                  |                    |
| 885 gal                            | ○                  |
| 1770 gal                           | ○                  |
| Fuel Systems Alarms                | ○                  |
| Spill/Fill Box                     | ○                  |
| Vent Extensions                    | ○                  |

● Standard ○ Option

Features available at launch. For the most up-to-date feature offerings, please contact your local sales representative.

# Designed for a variety of critical markets



## COMMERCIAL PROPERTIES

Universities, office buildings, hotels, warehouses and distribution centers.



## WATER WASTEWATER TREATMENT PLANTS

Water, wastewater and sewage treatment plants.



## HEALTHCARE FACILITIES

Hospitals, long-term care facilities, behavioural health centers, ambulatory surgical centers and medical campuses.



## GOVERNMENT AND PUBLIC BUILDINGS

Federal/state office buildings, airports, courthouses, police departments and fire stations.



**171**

Distributor Locations

**28,600+**

Qualified Technicians



## World-class service and support

Cummins provides the largest global and local support by owning and training its entire distributor network, ensuring direct access to power generator experts.

- Best-in-class aftermarket service from dedicated local contact, supported by a global system of technicians and parts centers.
- Technical support representatives always have the most up-to-date skills and equipment, with additional resources available on an as-needed basis.
- Globally integrated database links all parts distribution centers, enabling worldwide parts searches.

### CONTACT

For sales and ordering, please contact your local sales manager via the dealer and distributor network at [cummins.com/locations](http://cummins.com/locations)  
Visit us at [www.cummins.com](http://www.cummins.com)



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