

# 10-50kW Diesel Generator Set

This diesel generator set provides stable output with its ECU governor and offers good heat dispersion via its water-cooled or air-cooled system. Its compact structure and light weight contribute to fuel efficiency.



## ADDITIONAL IMAGES



## Overview

### Reliable Power Solutions (10-50kW)

This series of diesel generator sets offers a versatile power range from 10kW to 50kW, designed for stable and continuous output in demanding environments. Featuring advanced ECU governors and efficient cooling systems, these units provide steady rotation speeds and excellent heat dispersion. Their compact, lightweight structure combined with fuel-saving technology makes them an ideal choice for professional B2B applications requiring portable or stationary power.

## Performance Metrics

### Power Capacity Range

**10 kW**

Minimum Power

**50 kW**

Maximum Power

## Technical Features

### Key Benefits

- Stable rotation speed
- Compact structure
- Lightweight design
- Fuel-saving efficiency
- Good heat dispersion

### Cooling System

Water-cooled, Air-cooled

### Governor Type

ECU Governor

## Control & Safety

### Monitored Parameters

- Voltage
- Current
- Frequency
- DC 12V 8.3A Output

### Control Panel Features

SmartGen Controller, Digital Display, Emergency Stop, Circuit Breaker, Starter Switch

## Model Specifications



机组型号	动力功率		机组功率		全铜	动力型号	发电机型号	开架尺寸		静音尺寸	
	KVA	KW	KVA	KW				L/N	长	宽	高
YC-15GF3	17	13	15	12	2.88	490DS	YC184C	1450*650*1050	2035*975*1215		
YC-20GF3	22	18	20	16	3.8	K4100D	YC184C	1450*650*1050	2035*975*1215		
YC-25GF3	28	22	25	20	4.6	K4100D	YC184E	1450*650*1050	2035*975*1215		
YC-30GF3	33	26	30	24	5.5	N4105D	YC184G	1800*760*1150	2335*1095*1220		
YC-40GF3	44	35	40	32	6.6	N4105ZD	YC184I	1800*760*1150	2335*1095*1220		
YC-50GF3	55	44	50	40	8.6	N4105ZLD	YC224D	1800*760*1150	2335*1095*1220		

Detailed technical specifications including power ratings, engine models, and dimensions for both open and silent type configurations.

### Model Comparison Table

Model	Rated Power (KVA/KW)	Fuel Cons. (L/h)	Engine Model	Silent Dim. (mm)
YC-15GF3	17 / 13	2.88	490DS	2035*975*1215
YC-20GF3	22 / 18	3.8	K4100D	2035*975*1215
YC-25GF3	28 / 22	4.6	K4100D	2035*975*1215
YC-30GF3	33 / 26	5.5	N4105D	2335*1095*1220
YC-40GF3	44 / 35	6.6	N4105ZD	2335*1095*1220
YC-50GF3	55 / 44	8.6	N4105ZLD	2335*1095*1220

## Physical Design

### Enclosure Type

Open Frame • Silent Type • Soundproof Canopy

### Mobility

Yes