

# 30kW Single-Phase Silent Diesel Generator with Smartgen Control

This 30kW single-phase diesel generator is designed for silent operation. It features a water-cooled engine and Smartgen auto control system.



## ADDITIONAL IMAGES



## Overview

### Reliable Silent Power Generation

This 30kW single-phase diesel generator is engineered for quiet, efficient performance in noise-sensitive environments like hospitals, residential areas, and commercial sites. Featuring a robust water-cooled engine and an intelligent automated control system, it ensures dependable backup or prime power. Designed with a heavy-duty steel base and industrial-grade silencer, this unit provides long-term operational stability and ease of maintenance.

## Key Metrics

### Key Performance Metrics

**30 kW**

Power Output

**8 Hours**

Fuel Tank Autonomy

**50 °C**

Soundproof Radiator Capacity

## Technical Specifications

### Core Components

| Component        | Specification             |
|------------------|---------------------------|
| Alternator       | Brushless, Single bearing |
| Insulation Class | H                         |
| IP Rating        | IP21/22                   |
| Start System     | Electric start 24V        |
| Cooling System   | Water-cooled              |

### Supported Controllers

- Smartgen
- Deepsea
- DEIF
- ComAP
- Woodward

### Available Upgrades & Options

Automatic Transfer Switch, ABB/Schneider Breaker, Water Heater, Lub-oil Heater, Fuel Level Sensor, Water-Fuel Separator, External Daily Fuel Tank