

# Welding and Power Generating Alternator

This welding and power generating alternator provides a reliable source of both AC power and welding current. It features robust construction, efficient cooling, and user-friendly controls for adjusting voltage and welding parameters.



## ADDITIONAL IMAGES



## Product Overview

### Dual-Purpose Performance

The SD/SDC series is a high-performance, self-exciting alternator designed for simultaneous or individual welding and power generation. Built for versatility, this unit is ideal for town, countryside, marine, and workshop environments where both lighting and welding capabilities are required. Its robust cast-iron construction and drip-proof design ensure durability and reliable operation under varying load conditions.

## Technical Specifications

### Insulation Class

Class B

### IP Rating

IP21

### AC Voltage Output

230 V

### Max Welding Voltage

80 V

### Operational Frequency

50Hz, 60Hz

### Steady-state Regulation Rate

±5%

## Operating Conditions

### Max Altitude

1000 m

### Ambient Temperature Range

-15°C to 40°C

### Relative Air Humidity

90 %

## Construction

### Key Build Features

- Cast iron frame
- Drip-proof axial ventilation
- Easy access to brushes and sliprings
- Protective screen mesh plates
- Direct or belt drive compatible