

# Generating and Welding Alternator

This generating and welding alternator is designed to be driven by an internal combustion engine. It functions as a mobile or stable power supply for lighting or welding in various locations.



## Product Overview

### Dual-Function Power Solution

The SD/SDC series is a versatile generating and welding dual-use alternator designed to be driven by an internal combustion engine. This robust unit functions as both a reliable power supply for lighting or equipment and a capable welder, allowing for simultaneous illumination and welding operations. It is an ideal portable or stationary solution for industrial environments, construction sites, workshops, and rural applications.

## Key Features

### Suitable Applications

Construction Sites, Workshops, Rural Power Supply, Marine Power

## Performance Specifications

### Performance Data (50Hz / 60Hz)

Model	Output (KW)	Welding Current (A)	Current Adj Range (A)
SD-5	5	160	60-140
SD-7.5	7.5	200	70-200
SD-10	10	230	80-240
SD-12	12	300	100-300
SDC-5	5	140	60-150
SDC-7.5	7.5	180	70-200
SDC-10	10	225	80-260
SDC-12	12	280	100-300

### Power Factor

1

### Continuous Rate Under Load

40 %

### Welding Voltage (No Load)

<80V