

# Diesel engine generators

AC power backup systems

Emerson has delivered and installed more than 1,000 diesel engine generator sets worldwide with capacities ranging from 2.2 kVA up to 1,000 kVA.

## Product contents

- Standard ratings: 2.2, 6, 7.5, 15, 30, 60, 100, 150, 250, 350, 500, 800 and 1,000 kVA
- Other sizes on request

## Applications

For telecom and IT installations where high reliability is required.



## Features

- Compatibility with mains voltage worldwide
- Different modes of operation
- Supervision system options
- Mobile or stationary versions
- Manual or automatic mode of operation

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# Solar plants

Based on our long-term experience with solar cells and lead acid battery installations, we can offer a range of solar plants ranging from tenths of watts to hundreds of watts in average consumption. These plants are site-specific and must be carefully engineered for reliable operation. The product line of solar systems is derived from best industry practice to match telecom requirements.

## Product contents

- Solar plant ratings from 10 W consumption up to 500 W
- Hybrid solar plants with diesel backup up to 3 kW load
- Accessories include obstruction lights, battery boxes, etc

## Applications

For small telecom installations where AC mains is not available. Output voltage: 12, 24 or 48 V DC.

## Features

- Dimensioned for various worldwide conditions
- Supervision system options
- Solar cell and battery capacity can be added
- Option for hybrid installations with diesel generator
- Standard packages complete with infrastructure
- Products adapted for telecom requirements

**// For telecom and IT installations where high reliability is required //**

## Benefits

- Standardized product range that is preconfigured to reduce lead-times and help you meet your implementation schedule
- Environmentally certified engines to meet increasing requirements for environmental compliance
- Engines and generators from leading global suppliers to guarantee easy access to spare parts, facilitate service and reduce O&M costs
- Customized solutions to meet special needs because of limited space or environmental restrictions

**// The product line of solar systems is derived from best industry practice to match telecom requirements //**

## Benefits

- Standardized product range that is preconfigured to reduce lead-times and help you meet your implementation schedule
- Dimension support for various geographical locations to ensure the most cost-effective solution
- Scalability in capacity to protect your investment and provide the flexibility to grow at minimum cost
- Redundant systems available for enhanced reliability