

# DC Refrigeration Compressor

This refrigeration compressor is DC powered and designed for 12V/24V DC operation. It utilizes R134a refrigerant.



## Product Overview

### High-Efficiency DC Refrigeration Compressor

This versatile DC refrigeration compressor is engineered for reliable performance in 12V and 24V mobile or off-grid cooling systems. Optimized for R134a refrigerant, it delivers consistent low-back pressure (LBP) cooling across multiple rotational speeds. Its compact design and robust efficiency ratings make it an ideal component for professional refrigeration applications.

## Technical Specifications

Input Voltage	12/24V DC
Refrigerant	R134a
Displacement	3 cm <sup>3</sup>
Oil Charge	160 ml
Cooling Method	Fan Cooling (FC)

## Performance Metrics

### Operational Performance Data

Speed (rpm)	Capacity (W)	COP (W/W)
2000	51.6	1.05
2500	63.6	1.05
3000	74.4	1.06
3500	86.4	1.04

## Compliance

Certifications	CE
----------------	----