

# Variable Refrigerant Flow System with Solar Integration

This VRF (Variable Refrigerant Flow) system is designed for commercial and industrial applications. It integrates solar power to reduce energy consumption and features a modular design for flexible installation.



## Product Overview

### Advanced Solar-Integrated VRF Solution

This Variable Refrigerant Flow (VRF) system features cutting-edge two-stage compression technology designed for high-efficiency climate control in commercial and industrial settings. By integrating solar power compatibility and advanced energy management capabilities, the system significantly reduces operational energy consumption. Engineered for reliability, it ensures consistent cooling performance even in extreme ambient temperatures up to 54°C.

## Performance & Efficiency

Max Ambient Temperature	54 °C
Compression Technology	Two-stage compression

## Electrical Specifications

Voltage Range	160V - 265V
Frequency Compatibility	50Hz, 60Hz
Power System	All DC (Indoor & Outdoor)

## Smart Features & Connectivity

### Connectivity

WiFi Enabled • Smart App Integration

### Energy Management

- Real-time energy monitoring
- Energy storage docking interface reserved
- DC bus open architecture

## System Architecture

Bus Communication	No master CAN bus (Energy Internet architecture)
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