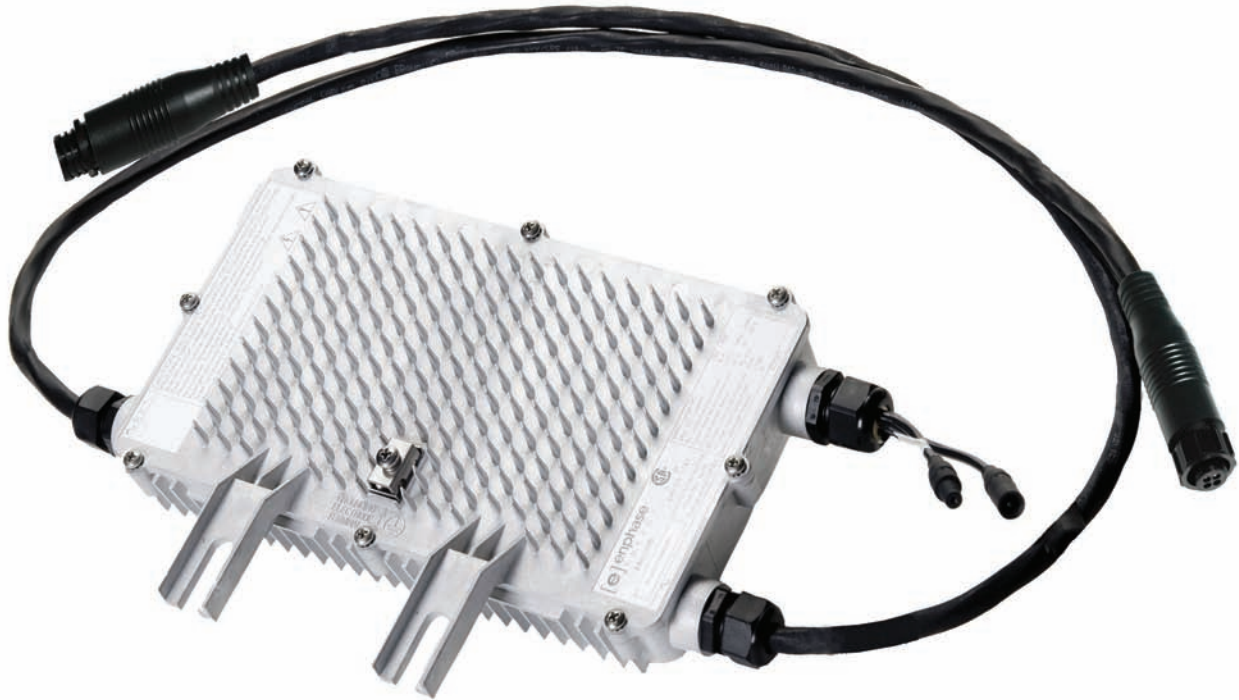


# [e] ENPHASE MICRO-INVERTER M175-24-240-S



Enphase Energy presents the first commercially available Micro-Inverter system for residential and commercial solar PV applications. The Enphase Micro-Inverter system utilizes advanced technologies to maximize energy harvest, increase system reliability and dramatically simplify design, installation and management.

## PRODUCTIVE

- Maximum energy production
- Resilient to dust, debris and shading
- Performance monitoring per module

## RELIABLE

- Very low internal temperature rise
- NEMA 6P rated
- No single point of failure

## SMART


- Quick & simple design, installation and management
- Advanced analytics and visualization

# MICRO-INVERTER TECHNICAL DATA **M175-24-240-S**

Input Data (DC)	
Recommended Input Power (PTC)	185W
Maximum Input DC Voltage	54V
Peak Power Tracking Voltage	25V – 40V
Max. DC Short Circuit Current	10A
Max. Input Current	8A
Output Data (AC)	
Maximum Output Power	175W
Nominal Output Current	750mA
Nominal Voltage/Range	240V/211V-264V
Extended Voltage/Range	240V/206V-269V
Nominal Frequency/Range	60.0/59.3-60.5
Extended Frequency/Range	60.0/59.2-60.6
Power Factor	> 0.95
Maximum Units per Branch Circuit	16
Efficiency	
Peak Inverter Efficiency	95%
CEC Weighted Efficiency	94.5%
Nominal MPP Tracking	99.6%
Mechanical Data	
Dimensions (WxHxD) in Inches	10.5" x 5.5" x 1.5"
Weight	4.0lbs
Ambient Temperature Range	-25°C to +65°C
Nighttime Power Consumption	580mW
Cooling	Natural Convection – No Fans
Enclosure Environmental Rating	Outdoor – NEMA 6P
Features	
Communication	Powerline
Warranty	10 Years
Compliance	UL1741/IEEE1547 FCC Part 15 Class B

## Enphase Energy, Inc.

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