

# Enphase IQ8A-72-2-US Microinverter

## TECHNICAL SPECIFICATION SHEET

Model: IQ8A-72-2-US

Manufacturer: Enphase Energy

Category: Microinverter

### ELECTRICAL SPECIFICATIONS:

Max AC Power: 366 VA

Peak AC Power: 366 W

Max DC Input Power: 440 W

MPPT Voltage Range: 27-54.7 V

Max DC Input Current: 13 A

AC Output Voltage: 240 V

AC Output Frequency: 60 Hz

Efficiency: 97.0%

### MECHANICAL SPECIFICATIONS:

Dimensions: 210 x 175 x 33 mm

Weight: 1.25 kg

Enclosure: NEMA 6P

Operating Temperature: -40°C to +65°C

Cooling: Natural convection

### CERTIFICATIONS & COMPLIANCE:

• UL 1741-SA

• IEEE 1547-2018

• FCC Part 15 Class B

• NEMA TS-4 Seismic

### INSTALLATION NOTES:

• Install one per solar module

• Use Enphase Q-Cables for interconnection

• Grounding integrated with mounting rail

• Built-in rapid shutdown capability