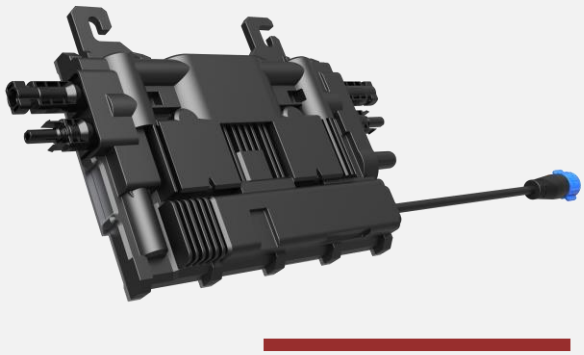
EON-MI800S-2B | Microinverter

Introduction

Eonland Microinverter, with industry-leading power density, efficiency and reliability, is the result of the cutting-edge technology and craftsmanship that the group has developed in power electronics. Relying on the reliability design results of similar products, Eonland Mircroinverters take the lead in offering longer standard warranty.



Applications

Residential, Balcony & DIY Solar System

Features

- More compact, lighter, ultra-high power density
- Mass products comply with EU EMI standards
- Safer with rapid shutdown compliance
- Plug & play, enabling faster, safer and flexible installation
- High reliability with longer standard warranty
- 2-in-1 design with 2 independent MPPTs and monitoring

Specifications of Microinverter

Model	EON-MI800S-2B
Input Data (DC)	
Commonly used module power	320~590W
Maximum input voltage	Min.16, Typ.42, Max.60V
Start-up voltage	Min.18, Typ.19, Max.20V
MPPT voltage range	Min.16, Typ.42, Max.60V
Maximum input current	2 x 16A
Maximum input short circuit current	2 x 22A
Number of input	2
Number of MPPT	2
Output Data (AC)	
Rated output power	800VA
Output current range	0~3.48A
Output voltage	Min.183V, Typ. 230V, Max. 264V
AC frequency range	47.5~51.5Hz
Total harmonic distortion	Typ. < 3%, Max. < 5%
Power factor (adjustable)	> 0.99 default 0.9 leading…0.9 lagging
Efficiency	
Peak efficiency	96.5%
MPPT efficiency	99.8%
Night Consumption	<50mW
Environmental and Mechanical Characteristics	
Operation temperature	-40 to +65℃
Ingress protection	IP67
Cooling	Natural convection
Nominal Dimensions	228×150×31.3mm
Nominal weight	2.4kg
Features	
Communication	Sub-1G
Compliance	IEC/EN 62109-1/-2, EN 50549, VDE-AR-N 4105-2018 UTE C15-712-1:2013 / VFR 2019/ DIN VDE 0126-1-1:2013-08 CEI 0-21:2022-03
Electromagnetic compatibility	IEC/EN 61000-3-2/-3, IEC/EN 61000-6-1/-2/-3/-4