

i-Manager

i-Manager is a data communication device for i-Energy Solar Energy Monitor System. This device monitors i-Energy i-Micro inverters connected to the photovoltaic modules. i-Manager collects energy and performance data from the i-Micro inverters over in-home AC power lines and forwards that data to the i-Energy i-Monitor via the internet for statistical reporting.



 Designed in Switzerland

Product Features

- Designed in Switzerland
- EZ setup and Plug & Play design
- Fast & stable communicates over existing electrical wires
- Real-time insight into module performance
- Readily accessible on-site Hardware
- 24/7 web-based monitoring

Communication Interface

Power line
Ethernet
DHCP client service

TECHNICAL DATA

Narrowband PLC 7.5kbps
10/100BASE-T / IEEE 802.3™
Yes

Mechanical Date

Outside dimension (W x H x D)
Weight
Max. operation altitudes
Operating temperature
Cooling
Enclosure environment rating

20.0cm x 13.4cm x 5.0cm
320g +/-20g
Sea level 3000 m
-10°C to +40°C
Natural convection – no fans
Indoor - NEMA 1

Safety and Standard

Compliance

IEC 60950, FCC Part 15 class B
EN55022, EN55024, VCCI
EN61000-3-2 EN61000-3-3

AC Input Power Requirements

Min. input
Max. input
Nominal input
Min. input frequency
Max. input frequency
Nominal input frequency
Input power (Max.)

TECHNICAL DATA

90(Vrms)
264 (Vrms)
100-240(Vrms)
47(Hz)
62(Hz)
50-60(Hz)
6W

Display

Two columns LCD display with backlight

Yes

Reliability and Warranty

Warranty period
Max. monitoring of i-Micro inverter

1 year
Up to 72 pcs



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