Jio

Jio IoT Smart Gateway

The Jio IoT Smart Gateway utilizes Jio LTE network for seamless cloud connectivity, integrating effortlessly with solar microinverters. The microinverters communicate with each other using a mesh network, ensuring a strong and reliable connection.
This robust connectivity enables real-time monitoring and historical data visualization, empowering users to efficiently manage their solar energy systems without need of external WiFi.

Key Features:

Quick Installation

- Automatically detects and configures connected inverters before AC connection

Data When You Need It

- Displays real-time metrics and stores historical data on the portal
- Provides panel-by-panel information for monitoring and troubleshooting

Easy to Use

- Advanced cloud-based monitoring software accessible from anywhere

Smart Systems

- Supported by industry-standard Zigbee wireless communication for fast and reliable connectivity
- Future-proof design with remote updates to support new and improved features

Product Overview

Component	Specifications
Connectivity	LTE CAT-1 Band B3/B5/B40, Zigbee 3.0, 2.4 GHz
LEDs	2 LEDs -LTE Indicator -1 Reserved
Antenna	Built-in
Power Requirement	12V, 1A, DC 2.1mm Barrel Jack type (center pin positive) (Power adapter not included in the box)
Power Backup	Li-Ion, 3.7V, 450mAh, rechargeable
Inverter Connectivity*	Upto 6 inverters
Data Update Interval	10 minutes and configurable
Data Storage	Approx. 48 hrs with one inverter
Enclosure	IP65, Tie-wraps with four ear lobes
Mounting Method	Outdoor use case, and it is considered to be mounted to pole, wall, tower.
Environmental	Operating temperature : -10°C to +70°C Storage temperature: +20°C to +85°C Humidity: 95% non-condensing
SIM	eSIM
Warranty	12 Months

*Please reach out to company for more information