

# SNAPSHOT I-V WIRELESS METER

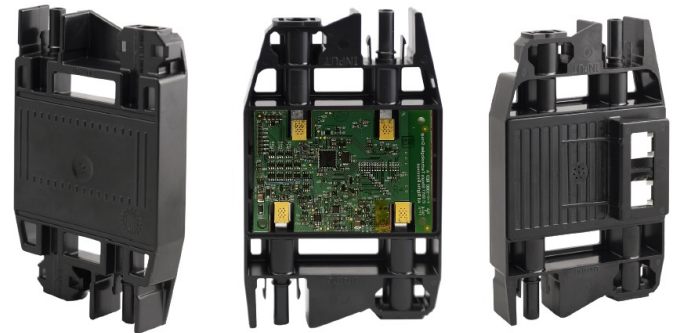
## ABOUT

Snapshot I-V Wireless Meter is a panel-powered, wireless line-monitoring device. Sealed in its own weather-tight enclosure, the device installs on the back of the solar module that powers it. Together with the Snapshot I-V Wireless Gateway, these devices make up a flexible system for comprehensive power plant monitoring in installations with or without combiner boxes.

Auditing and troubleshooting of PV modules with traditional I-V Curve Tracer equipment is time consuming and labor intensive. The Snapshot I-V Wireless Meter puts the intelligence at the module, fully automating the process and providing real-time data on the performance of PV modules.

## FEATURES

- Real-time performance monitoring: voltage, current, angle of inclination, temperature
- Eliminate unnecessary O&M service calls by proactively monitoring your system performance remotely
- Dynamic I-V curve tracing over time
- Static I-V curve tracing with inverter disconnected
- Velocity monitoring (speed of installation)
- Suitable for new construction or retrofit applications
- No external power supply required (module-powered)
- Long-range mesh protocol network (IEEE802.15.4)
- Seamless API integration with third-party monitoring software



All connectors are type MC4

PARAMETER	VALUE
Operating Input Voltage	10V - 100V
Output Current Range	0-20 A Continuous
Operating Temperature Range	-40°C to +75°C
Relative Humidity	Up to 95% (Non-condensing)
Current Accuracy	+/- 1% +/- 0.1 A
Voltage Accuracy	+/- 1% +/- 0.5 V
Temperature Measurement Accuracy	+/- 4°C
Measurement Interval	Up to 1 Hz, programmable
ESD Rating on All Connectors	+/- 8 kV
Standards and Compliance	FCC Class B (Pending)
Regulatory	UL1741 (Pending)

Product design and specification subject to change or modification without notice.