



COMMERCIAL METER

Real Time Energy Metering

- Remote monitoring system
- Plug and play configuration
- ANSI C12.20 class 0.2
- Indoor / Outdoor NEMA3R
- Integrated LCD Display
- Inverter and String Level options
- Short lead time – 5 business days

PRODUCT DESCRIPTION

SORAPRO commercial hardware offers a full range of monitoring capabilities for solar energy. All hardware includes a cutting edge power meter and industrial technology to implement a remote, solar energy solution into one cost-effective package. SORAPRO incorporates a UL Recognized, ANSI C12.20 power meter and networking device in one NEMA3R enclosure to provide a unique solution for monitoring commercial solar applications.

POWER METERING

The SORAPRO line of commercial hardware utilize split core CT's. They can be fused onboard and can support up to 256 optional RS485 inputs. Regardless of inverter or panel type, SORAPRO measures power with the highest level of accuracy and granularity. Data is uploaded to the SORAPRO portal automatically and provides you with the data at through an easy to use web interface and portfolio view.

NETWORK CONNECTION

SORAPRO devices are “plug and play” and can support a wide range of connectivity options. They can be configured to communicate via Ethernet, Powerline, or cellular networks. Data is securely transmitted via outbound only communications over open outbound ports. LED lights onboard indicate status of connections to simplify communications testing.

WHO IS SORAPRO?

SORAPRO is a research corporation dedicated to understanding the shortfalls of renewable energy installations and correcting them. Through monitoring, data servicing and analyzation, we develop cost effective solutions that are easy to incorporate for energy monitoring.

Our products are developed, designed, and assembled in the USA and serve renewable energy and building managers from around the world.



SYSTEM SPECIFICATIONS AND FEATURES

	VC11	VC21	VC22
	<i>Commercial</i>	<i>Commercial</i>	<i>Commercial</i>
ANSI C12.20 (Revenue Grade)	✓	✓	✓
Monitor Energy Usage (Load Side)		Option	Option
Monitoring Connection: Split Core CT's	✓	✓	✓
Plug and Play Device	✓	✓	✓
Datalogger	Onboard	Onboard	Onboard
Weather Station		Option	✓
DC Power Supply	30W	30W	30W
Standard Enclosure	NEMA3R	NEMA3R	NEMA4
AC Voltage Connection	208V (480V option)	208V (480V option)	208V (480V option)
Maximum AC System Size	60 KWAC	No Max	No Max
Warranty			
Standard hardware warranty	5 years	5 years	5 years
Lifetime Technical Support	Lifetime	Lifetime	Lifetime
Software			
SORAPRO lifetime user access included	✓	✓	✓
Instantaneous warning alerts by email	✓	✓	✓
Monthly email reports	✓	✓	✓
Custom CSV report downloads	✓	✓	✓
Third Party reporting	✓	✓	✓
Kiosk View	✓	✓	✓

TYPICAL WIRING CONFIGURATION

