



VOLTA INSITE™ Node 2.0 Power Metering Solution

Save time and stay connected with mobile access.

- Remote Monitoring
- Programmable Resolution
- Unlimited Waveform Capture
- Real-Time Power Quality Analysis
- 20kHz Sampling
- Transient Alerts

Features:

- | | |
|--------------------------|---|
| • Rated Current | Any - Configurable |
| • Power Consumption | 5W (7VA) |
| • Display Type | Backlit LCD and Cloud access |
| • Sampling Rate | 20kHz / channel (pole) - configurable to higher frequencies |
| • Poles | AC: 1P + N; 3P and DC capable |
| • Frequency Measurement | Up to 10kHz (½ sampling rate) |
| • Measurement Accuracy | 1.0% energy, 1.0% current, 0.5% voltage class |
| • Data Recording | Data logs, continuous waveform, and transient captures |
| • Transmission Rate | Gigabit Ethernet |
| • Memory Capacity | 256 GB |
| • Firmware Upgradability | Remote updates from Volta Server |
| • Security | Encrypted communications |



Model		VE-ND-002	VE-VI-002
Input	Voltage (Wire Size)	24 VDC	600VAC max (14-30 AWG)
	Current (Wire Size)	n/a	(12-22 AWG)
Environment	Operating Temp	-30 to 50C	-30 to 50C
	Operating Humidity	0-95% non-condensing	0-95% non-condensing
	Storage Temp	-30 to 80C	-30 to 80C
	Altitude	2000 Meters	2000 Meters
Dimension	Size (Inches)	7.85" x 7.85" x 3.15"	4.25" x 2.25" x 1.5"