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## AC-DC POWERVIEW SYSTEM METER

**AC/DC HOTLINE**  
EXPERT IN POWER USAGE SINCE 1953

**STOP PAYING CRAZY HIGH POWER BILLS!**  
KNOW EXACTLY WHAT YOU'RE PAYING FOR

### AC-DC PowerView System Meter

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IoT-ready HD touchscreen power meter for single-phase, split-phase, and 3-phase networks

The AC-DC PowerView System Meter is a next-generation panel meter built for accurate, real-time monitoring across all electrical system types. Its HD touchscreen provides full configurability, intuitive navigation, and instant access to critical power data. Designed for modern industrial and commercial environments, it supports Modbus RTU (RS-485) and Modbus TCP/IP (Ethernet) for seamless integration into existing systems.

### Key Performance Features

- Cloud-ready remote monitoring
- 1% accuracy across the full input range
- Full-color 70mm × 70mm graphics display
- USB configuration load/save capability
- ¼ DIN industry-standard mounting
- Local USB data logging
- IP65, NEMA 250, UL50E Type 12 & Type 4 ratings

## Solutions

- Real-time kWh load monitoring
- Harmonic THD analysis (voltage & current distortion)
- kWh consumption tracking (hourly, daily, monthly, yearly)
- Cloud-based data storage with long-term logging
- Remote smartphone control for relays and monitoring
- Storm & utility alarm mode for automatic protection
- Motor and control system protection
- Industrial-grade communications (RS-485, Ethernet, USB)
- Rugged IP65 construction for harsh environments

## Power Company Warning

Utilities require you to stay compliant, but much of today's unstable voltage, harmonic distortion, and waveform pollution comes from the grid itself. Renewable sources such as solar farms, wind farms, and inverter-based systems inject distortion back into the power lines.

### PowerView exposes these issues:

- Unstable voltage (sags, swells, flicker, imbalance)
- High harmonic distortion
- Distorted current waveforms
- Phase imbalance
- Frequency drift
- Real-time load spikes

PowerView provides the data to prove when grid-side distortion is the cause of equipment issues.

## ★ Technical Specifications

### Electrical Inputs

- Current Input: 0–10,000 KA via CT (0–5 A secondary)
- Voltage Input: 10–300 V AC
- Frequency Range: 45–65 Hz
- Supported Network Types: IP2W, IP3W, 3P3W, 3P4W

### Outputs

- Two Form-C relays (277 V AC / 5 A max)
- 4–20 mA analog output

### Communications

- RS-485 Modbus RTU
- Ethernet Modbus TCP
- USB mass storage

### Environmental Ratings

- Operating Temperature: –20°C to +60°C
- Humidity: 5–95% RH (non-condensing)
- Protection Rating: IP65 front / IP20 rear

### Certifications

- UL Listed (E469787-D1005-1/A0/CO-UL)
- CE
- cUL
- ROHS
- UKCA
- EN61010-1
- NEMA Type 4 & 12

### Company Information

**AC/DC Hotline** The Systems Supplier & Manufacturer Expert in Power Usage Since 1953  
Henderson, Nevada Phone: 603-828-7417 Web: [acdhotline.com](http://acdhotline.com)

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<https://ac-dc-hotline.com/meters-sensors-counters>

