



# Optima™ Power Distribution Units

## Customized PDUs for Industrial Applications

Quality PDUs from Marway Power Solutions provide a reliable power foundation for virtually any equipment set. For 30 years, Marway has specialized in purpose-built PDUs optimized to save space and weight while meeting the unique needs of customer applications. For quicker-turn-around needs, we have many general-application systems ready to build as well.

## A Solid Power Foundation

### Power Sources and Conversion

- Integrate ac and dc sources
- Single-, two-, and three-phase ac
- Up to 400 A current capacity
- Conversions for ac-ac, ac-dc, dc-dc, and dc-ac
- Auto transfer between dual sources

### Power Monitoring

- Monitor power quality, available capacity, and discrete status
- Onboard digital or analog meters for amps, volts, power, and others
- Onboard indicators for phases, circuits, outlets, and interlocks
- Remote panels for control/display

## Optimized when needed

A customized solution can help your project reach its best performance.

- Features and controls optimized for application work-flow
- Rackmount and OEM-specific form factors to optimize space
- Consolidate requirements to reduce parts, cabling, space, and weight
- Layouts optimized for installation and ergonomics

### Power Conditioning

- Mitigate voltage spikes/transients using surge suppression
- Meet EMI standards using filters and shielded enclosures

### Power Control and Safety

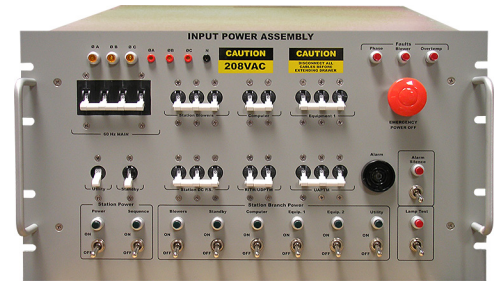
- Remote outlet control via HTTP/S, Telnet, SSH over Ethernet
- Remote dry-contact control, EPO, and interlocks
- Switches, relay logic, programmable or embedded controllers
- Integrate external sensors and signals to automate management of control and safety dependencies

## Quality and compliance

- Certified AS9100 with ISO 9001
- Lockheed Star Supplier recipient
- Designed and manufactured to 62368-1, 60950-1, 61010-1
- Certification available for specific markets through NRTL evaluation (UL, CSA, CE)
- Industry-specific safety conformance and certification when required



Marway's PDUs range from simple 1U units built to last, to multi-U systems featuring multiple power sources, circuits, monitoring, and controls.



Rackmount chassis are common, but Marway also develops custom enclosures to meet the unique space constraints of industrial OEM applications.



# Optima Series of Application-optimized PDUs

## Commander™ UCP 3500 Control Panel

The Commander UCP 3500 control panel complements a PDU with remote on, off, and EPO control. A single panel can control one or multiple PDUs.

- On/Off power control to connected PDUs
- EPO for all connected PDUs
- EPO reset/silence button
- Built-in lamp test button
- Front and back panel 125 Vac, 5-15R convenience outlets

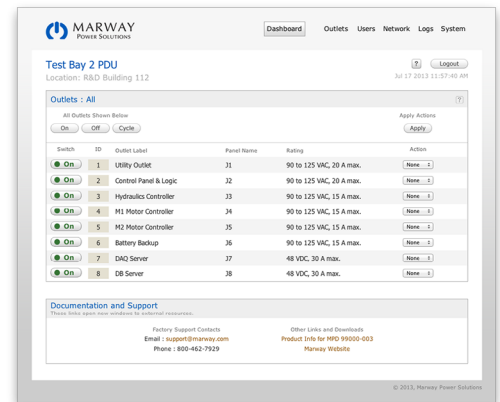


The UCP Series control panel provides on, off, and EPO control from the panel and from remote buttons. It can power on/off multiple PDUs, and comes in either black, gray, or custom colors as needed.

## Optima RCM Software

The RCM Software option provides on/off control of up to 256 PDU outlets over Ethernet using a web browser or command line.

- Web-based user interface (HTTP, HTTPS)
- Command-line user interface (Telnet, SSH)
- RESTful API for scripted outlet switching automation
- Multiple users with independent login credentials
- SNMP enables real-time stamping of log activities
- 10/100-T Ethernet, DHCP and manual IP



The MPD Series RCM Software works with a wide variety of power distribution units. The software can provide switching for any format of outlet power connection from standard receptacles, pin and sleeve, and even basic screw terminals.

Marway's power distribution units are suited to a wide variety of commercial, industrial, test automation, OEM, and other applications. As one of the few power distribution companies still offering customized products, we're able to optimize solutions specific to each application.

