Liebert MPH is a flexible Rack PDU solution with remote monitoring and control capabilities as well as environmental input options. It offers multiple power input selections and output configurations in both vertical zero-U and rackmount form factors. Up to four Liebert MPH PDUs may be interconnected as a Rack PDU Array™, consolidating user IP connections and device monitoring.

**Liebert MPH Monitoring And Control Support**

Monitored electrical parameters include: voltage, current, real and apparent power, power factor, and accumulated energy or consumption. Capacity based current thresholds provide comprehensive alarm notifications from the Rack PDU and branch.

**Liebert MPH Can Benefit Your Data Center**

- Monitors electrical and environmental parameters with set threshold and alarm tools
- Controls access of receptacle power
- Controls and manages individual receptacles and/or groups of loads and devices
- Allows you to predict failing conditions before they occur and proactively manage connected equipment for maximum uptime

**Liebert MPH Benefits:**

**Flexibility**

- Local displays are easily located to suit a crowded and changing rack environment
- Supports mounting in 19" EIA, 42U rack environments—Offered in vertical, zero U and rackmount form factors
- Provides a compatible monitoring platform for Liebert MPH and Liebert MPX, offering seamless common operation if deployed together
- User positioned input power cord interface

**Higher Availability**

- Controls and manages individual receptacles
- Predicts overcurrent conditions before they become critical
- Shuts down non-essential equipment during power outages to maximize availability and back-up power
- Expanded branch overload protection minimizes threat of cascading PDU overload
- Industry leading operating temperature—up to 55˚C / 131˚F to support hot internal rack environments

**Lowest Total Cost Of Ownership**

- Provides full featured monitoring and control in a cost effective package
- A Rack PDU Array shares a single IP address for up to four Rack PDUs, making deployment faster and easier
- Energy and power metering provides users the information to maximize the data center power and cooling infrastructure
- Employs energy efficient receptacle control technology
Liebert MPH

With single or three phase power input, the Liebert MPH PDU provides output as single phase power and is offered in vertical, Zero U and rack mount form factors to support mounting in 19" EIA 42U rack environments.

**Quick Guide**

**Liebert MPH**

**INPUT POWER**
- 20 to 30 amp (NA); 16 to 32 amp (EU); single and three phase

**OUTPUT DISTRIBUTION**
- Single phase NEMA 5-20R, IEC-C13 & IEC-C19; Combination systems

**MODULARITY**
- Modular card-based communications and display
- Add connectivity with basic rack PDU expansion unit

**METERING**
- Branch and aggregate Rack PDU
- Environmental sensors – Temperature & humidity

**REMOTE RECEPTACLE CONTROL**
- Receptacle level

**LOCAL MONITORING**
- User located display

**REMOTE MONITORING**
- Secure Web/SNMP Interfaces
- Liebert Nform
- Liebert SiteScan Web

**OVERLOAD PROTECTION**
- Breaker per branch as required
- Hydraulic-Magnetic breaker

**RACK PDU ARRAY**
- Single IP for up to 4 Rack PDU’s
- Liebert MPX and Liebert MPH on same private network

**FORM FACTOR**
- Vertical mount (Zero U)
- Rackmount

**Input is single or three phase power via single plug connection**

**Available in vertical zero U and rackmount form factors**

**Slim form factor allows placement of two PDUs in a single rack**

**Status Display (RPC-BDM)**
provides users optimal local display positioning by allowing mounting on rack doors or wherever best suited for a changing rack environment.
Rack PDU Power Management And Monitoring Interfaces

Secure Web/SNMP Interfaces
- User configured alarm thresholds
- High alarm and warning; low alarm
- Receptacle state and sequencing configuration
- Electrical metering, volts, amps, kW & kW/hr
- Rack PDU Array—Device consolidation
- PDU Explorer—Intuitive hierarchical interface
- View PDU status by strip or receptacle
- Device Explorer—Browsing by user defined device name

Liebert Nform IT Based Centralized Monitoring Software
- Trending of power data
- Receptacle group control

Liebert SiteScan Web
- Centralized monitoring software
- Provides real-time monitoring and control

Environmental Sensors

RPC-BDM Local Display Module
- Electrical and environmental parameters
- One RPC-BDM supports up to 4 PDUs on array
- PDU explorer
- Device Explorer

Liebert SN Family Of Rack Sensors
- Single or multi-probe temperature
- Multi-probe temperature and humidity
- Auto-config – no set-up required

Infrastructure Management

Optional Hardware