

■ AC Power Systems  
for Business-Critical Continuity

# Liebert MP Advanced Power Strips™

Managed Power Strips Provide Easy-To-Use Distribution,  
Monitoring And Control For IT Rack/Enclosure Applications



# As Rack Power Requirements Rise, So Does The Need To Manage Power To Each Piece Of Equipment

IT managers are demanding more of their load-level power management — more power, multiple connections and network monitoring capabilities.

Many IT and networking centers are experiencing higher load densities with more servers and components packed into rack after rack. This has created a clear need to find a way to monitor and manage the power to all of these loads.

## The Solution

Liebert MP Advanced Power Strips, with remote monitoring and/or control capabilities for power distribution at the load/equipment level, are designed to support the growth in rack electrical needs while meeting the new demands for remote power management.

These products are a part of the Liebert MP Product Family — a group of power distribution and switching systems designed to manage power from the UPS all the way to each individual piece of computing and communications hardware.

## Who Needs The Advantages Of Advanced Power Strips?

- IT and network managers who are experiencing high electrical load densities and looking for a way to monitor and manage loads at the strip and receptacle in the data center or network closet.
- Facility managers who want to control panel board utilization and protect against inadvertent overloading.

Liebert MP - Advanced Power Strip Rackmount



## Monitoring And Control Capabilities

While local displays on the Liebert MP Advanced Power Strips provide operating information, the key aspect of the design is the remote monitoring capabilities. Using the strip's serial interface, you can connect to the Web through Liebert OpenComms™ EM or a Liebert Access Server.

Liebert MP Advanced Power Strips are designed to provide an expanding level of monitoring and control capabilities for your entire network of managed power distribution devices, including:

- SNMP support.
- E-mail alarm notification.
- On-board graphing with OpenComms™ EM.

## Liebert MP Advanced Power Strips Deliver:

**Load monitoring and control** — Support continuous uptime, minimizes disruptions.

**Expandable monitoring interface** — Simplified growth management.

**True power monitoring** — More exact than calculated values.

**High reliability** — PCB receptacle mount construction.

**Convenience** — Factory installed option in the Liebert Foundation™ rack enclosure system.



On-line Demo Sites:  
<http://mpwebdemo.liebert.com>  
<http://emwebdemo.liebert.com>

## More Configurations For More Flexibility



### Liebert MP Advanced Power Strips are offered in two basic systems:

**Liebert MP-M Series** — Monitors electrical attributes of an individual power strip. Provides real-time remote and local display of total strip true RMS volts, amps and watts. Other capabilities include:

- Ambient temperature measurements.
- Easy viewing LCD that displays power readings.
- Re-nameable receptacles for inventory tracking.
- Telnet and SNMP Support.
- Audible alarm and receive alarms based on preset thresholds.
- User authentication for added security.
- Vertical or horizontal rack-mounted versions.

**Liebert MP-C Series** — These controlled power strips provide the same remote monitoring capabilities as the MP-M Series with the addition of individual, remote receptacle on/off control and local display of powered receptacles. This added capability allows you to:

- Reboot unresponsive equipment.
- Turn off unused receptacles.
- Link receptacles to manage load groups.
- Log and maintain receptacle connectivity.
- Audit circuit prior to plugging in more equipment.
- Audible and LED alarm warnings.

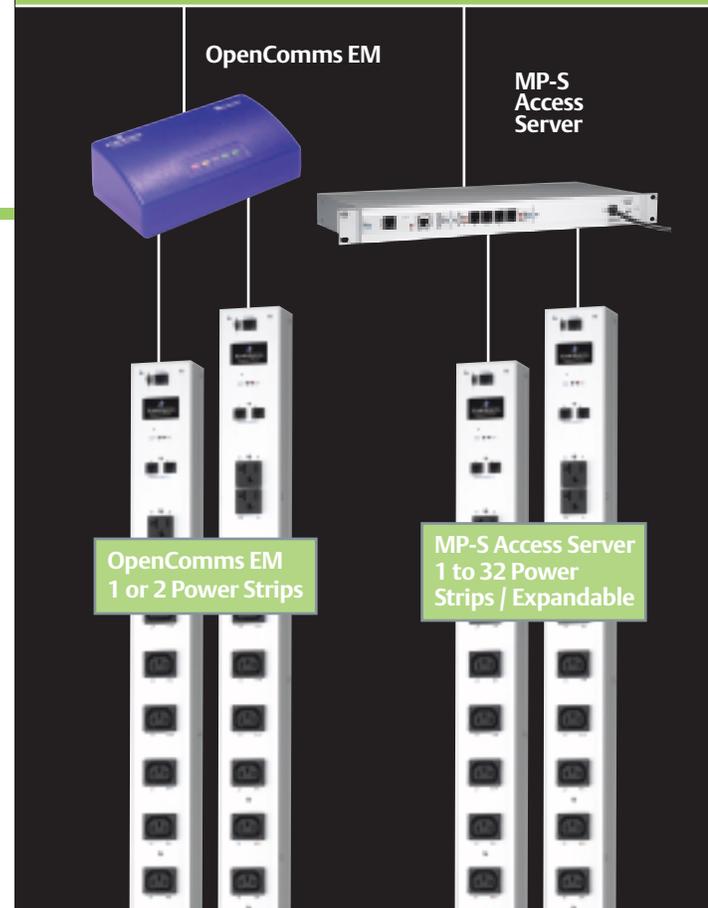
### A Choice Of Capacities And Receptacles

To support the increasing electrical loads in network equipment, Liebert MP Advanced Power Strips are offered in higher voltage and amp ratings than standard multi-outlet units. A number of power control, distribution and receptacle configuration options are available, including:

- Single-phase input/output, 120VAC & 208VAC.
- Three-phase input/single-phase output.
- 15-30 amp capacities, single NEMA input plug, NEMA or IEC output receptacles.
- 1U rack-mount and zero U vertical mount configurations.
- Rack-mount with 8-10 outlets, vertical with 12-24 outlets.

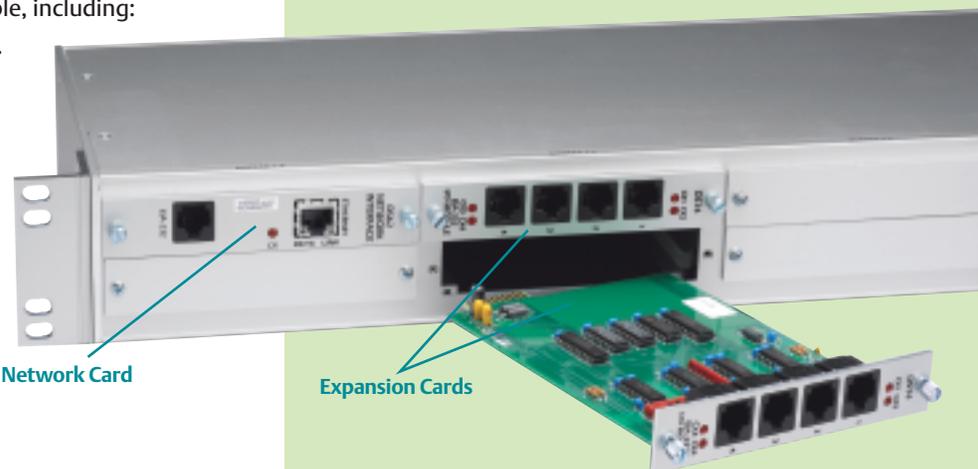
### Remote/Network Access

Ethernet



### Liebert Brings You End To End Solutions For Your Critical IT Systems Support

Liebert MP Advanced Power Strips are just part of our optimized “end to end” solutions, providing power and environmental support from the rack on through the entire critical space. As always, the Liebert objective is supporting business continuity, by protecting your business critical systems and networks against the causes of downtime.



# We Help You Get It Right— Right From The Start

Form Factor	INPUT (Rated)			Connection(s)			OUTPUT (Rated)			Connection(s)			Monitoring	Liebert
	Voltage	Current	Phase	Type	Quan	Length	Voltage	Current	Phase	Type	Quan	LCD/LED	Part Number	
<b>Liebert MP Advanced Power Strips (Monitoring) / MP-M Series</b>														
Rckmnt / 1U	120	15	1PH	5-15P	1	6'	120	15	1PH	5-15/20R	10	LCD	MP-M5109	
Rckmnt / 1U	120	20	1PH	5-20P	1	6'	120	20	1PH	5-15/20R	10	LCD	MP-M5110	
Rckmnt / 1U	120	20	1PH	L5-20P	1	6'	120	20	1PH	5-15/20R	10	LCD	MP-M5111	
Rckmnt / 1U	120	30	1PH	L5-30P	1	6'	120	30	1PH	5-15/20R	10	LCD	MP-M5112	
Rckmnt / 1U	200-240	20	1PH	L6-20P	1	6'	200-240	20	1PH	IEC-C13	10	LCD	MP-M5113	
Rckmnt / 1U	200-240	30	1PH	L6-30P	1	6'	200-240	30	1PH	IEC-C13	10	LCD	MP-M5114	
Vert. / 33.25"	120	15	1PH	5-15P	1	10'	120	15	1PH	5-15/20R	12	LCD	MP-M5115	
Vert. / 33.25"	120	20	1PH	5-20P	1	10'	120	20	1PH	5-15/20R	12	LCD	MP-M5116	
Vert. / 33.25"	120	20	1PH	L5-20P	1	10'	120	20	1PH	5-15/20R	12	LCD	MP-M5117	
Vert. / 50.75"	120	20	1PH	5-20P	1	10'	120	20	1PH	5-15/20R	24	LCD	MP-M5118	
Vert. / 50.75"	120	20	1PH	L5-20P	1	10'	120	20	1PH	5-15/20R	24	LCD	MP-M5034	
Vert. / 50.75"	120	30	1PH	L5-30P	1	10'	120	30	1PH	5-15/20R	24	LCD	MP-M5035	
Vert. / 57.75"	200-240	20	1PH	L6-20P	1	10'	200-240	20	1PH	IEC-C13	24	LCD	MP-M5036	
Vert. / 57.75"	200-240	30	1PH	L6-30P	1	10'	200-240	30	1PH	IEC-C13	24	LCD	MP-M5037	
Vert. / 68.25"	120/208	20	3PH	L21-20P	1	10'	208 & 120	20	1PH	IEC-C13+5-20R	24+2	LED	MP-M5119	

<b>Liebert MP Advanced Power Strips (Controlled) / MP-C Series</b>													
Rckmnt / 1U	120	15	1PH	5-15P	1	6'	120	15	1PH	5-15/20R	8	LCD / LED	MP-C5120
Rckmnt / 1U	120	20	1PH	5-20P	1	6'	120	20	1PH	5-15/20R	8	LCD / LED	MP-C5121
Rckmnt / 1U	120	20	1PH	L5-20P	1	6'	120	20	1PH	5-15/20R	8	LCD / LED	MP-C5122
Rckmnt / 1U	120	30	1PH	L5-30P	1	6'	120	30	1PH	5-15/20R	8	LCD / LED	MP-C5123
Rckmnt / 1U	200-240	20	1PH	L6-20P	1	6'	200-240	20	1PH	IEC-C13	8	LCD / LED	MP-C5124
Rckmnt / 1U	200-240	30	1PH	L6-30P	1	6'	200-240	30	1PH	IEC-C13	8	LCD / LED	MP-C5125
Vert. / 68.25"	120	20	1PH	5-20P	1	10'	120	20	1PH	5-15/20R	20+1	LCD / LED	MP-C5147
Vert. / 68.25"	120	20	1PH	L5-20P	1	10'	120	20	1PH	5-15/20R	20+1	LCD / LED	MP-C5148
Vert. / 68.25"	120	30	1PH	L5-30P	1	10'	120	30	1PH	5-15/20R	20+1	LCD / LED	MP-C5131
Vert. / 68.25"	200-240	20	1PH	L6-20P	1	10'	200-240	20	1PH	IEC-C13	20+1	LCD / LED	MP-C5132
Vert. / 68.25"	200-240	30	1PH	L6-30P	1	10'	200-240	30	1PH	IEC-C13	20+1	LCD / LED	MP-C5133
Vert. / 68.25"	120/208	20	3PH	L21-20P	1	10'	120	20	1PH	5-15/20R	21	LCD / LED	MP-C5134
Vert. / 68.25"	120/208	20	3PH	L21-20P	1	10'	208	20	3PH/1PH	NEMA L21-20 + IEC320 C13	1 + 18	LCD / LED	MP-C5135
Vert. / 68.25"	120/208	30	3PH	L21-30P	1	10'	208	30	3PH/1PH	NEMA L21-20 + IEC320 C13	1 + 18	LCD / LED	MP-C5136

<b>Liebert MP Advanced Power Strips (Access Series) / MP-S Series</b>							
Form Factor	Input Voltage	Input Plug	Length	PDU's Supported	Installed Network Cards	Installed RS232 Cards	Part Number
Rckmnt / 1U	120	5-15P	6'	4 (Expand to 8)	1	1	MP-S5137-125
Rckmnt / 1U	200-240	IEC-C14	6'	4 (Expand to 8)	1	1	MP-S5137-230
Rckmnt / 1.5U	120	5-15P	6'	4 (Expand to 20)	1	1	MP-S5138-125
Rckmnt / 1.5U	200-240	IEC-C14	6'	4 (Expand to 20)	1	1	MP-S5138-230
Rckmnt / 2U	120	5-15P	6'	4 (Expand to 32)	1	1	MP-S5139-125
Rckmnt / 2U	200-240	IEC-C14	6'	4 (Expand to 32)	1	1	MP-S5139-230

#### Expansion Module

Form Factor	Type	Input Voltage	Connection	Part Number
Card	RS-232	NA	4X RS232	MP-DS74

#### Emerson Network Power.

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