

EAT•N

Powerware

Intelligent Power Control™ IPC3600 Series



Enclosure Power Distribution Units (ePDU™)



IPC36XX- Front



IPC3601 Rear



IPC3602 Rear

CHASSIS

- 1.72" (1U) x Depth 9.5" x Width 19.0"
- Weighs approximately 12 lbs.
- Powder coated black steel
- Detachable mounting brackets allow for several mounting options

NEMA or IEC 320 OUTLETS

- IPC3601 has 8 IEC 60320 Type C13 (computer style) outlets
- IPC3602 has 8 NEMA 5-15R (3 prong) outlets

12 INDICATOR LIGHTS

- Main power system on
- Power "on" to outlets 1-8
- 2 Data and ethernet link

POWER INPUT

- IEC 60320 Type C20 Inlet
- Mating power cables must be ordered separately
- IPC3601 has a full range power supply for use at 100-240V

EMI/RFI FILTERING

- Common Mode - Line to Ground
- Differential Mode - Line to Line
- Filtered inlet isolates noise before entering the system
- IPC3601-F3-3316 – NO FILTER

SPIKE/SURGESUPPRESSION

- Line to Neutral (or Line)

OVERLOAD PROTECTION

- Push button circuit breaker pops out when an overload occurs
- Push to reset

SOFTWARE SECURITY

- User name/password security
- Settings allow the administrator to disable unused interfaces

SERIAL/ETHERNET

- Serial RS232 via RJ22 connector on the rear. 6' RJ22 to DB9 cable included
- Serial baud rate is 9600 default or 38,400 maximum
- Ethernet (10/100) network via RJ45 connector on the rear. 6' network cable included
- Network setup allows DHCP or any static public/private IP address

SOFTWARE INTERFACES

- Web interface provides a graphic control interface through a web browser (IE, Netscape, Mozilla)
- Telnet interface provides a text menu control interface with any terminal emulation software
- SNMP allows read/write capability with trapping
- E-mail notification system provides e-mail alerts or logs showing user activity
- Serial interface provides a text menu control interface with any terminal emulation software
- FTP utility allows firmware upgrades

SOFTWARE FEATURES

- Administrator and multiple users can be configured
- User level access can be limited to specific outlets
- Unit and outlet names can be configured
- Outlet groups can be created to perform an action on multiple outlets
- Outlet control includes individual, group and all outlet global control
- Outlet actions include on or off and reboot
- Global sequence allows all the outlets to be turned on or off in a preset sequence up to 999 seconds
- Outlet reboot automatically turns an outlet off and back on with one command at a preset time up to 999 seconds
- E-mail notification allows up to two e-mail addresses to receive notifications of alerts or events

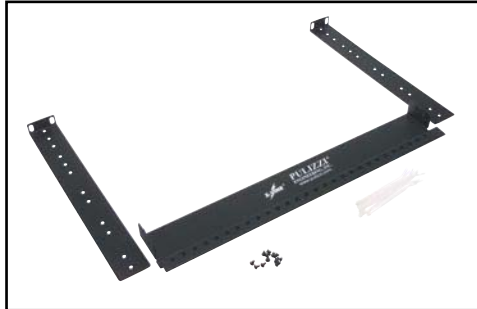
AUTO-EVENT SCHEDULING

- Administrator can configure on or off events for outlets or groups. The event occurs at the preset time daily or weekly

SPECIFICATIONS	IPC3601	IPC3602	IPC3601-F3-3316
Approvals	CB, CE, UL/cUL Listed, FCC	UL/cUL Listed, FCC	NA
Voltage Input/Output (50/60Hz)	100-240V~	120V~	200-240V~
Current Rating	16A	16A	24A
Full Load VA	1920VA @ 120V~ 3840VA @ 240V~	1920VA	5760VA
Ethernet/Serial	YES	YES	YES
Outlets	IEC C13	NEMA 5-15R	IEC C13
Circuit Breaker	20A	20A	(2) 15/15A
EMI/RFI Filter	20A	20A	NO
Surge Suppression	YES	YES	YES
Power Input	C20 Inlet	C20 Inlet	Attached
Power Cable/Plug	Not Included	Not Included	10' - L6-30P

Accessories

Optional Cable Restraint and Management



KIT-CABLES-01

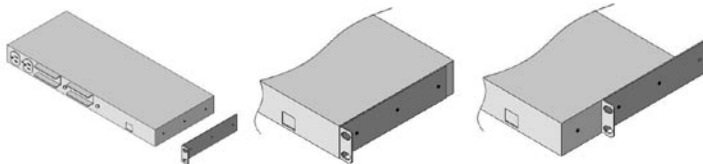


TRANSVERSE MOUNTING



- Prevent downtime and accidental disconnection
- Secure cables/plugs to Power Distribution Unit
- Cable ties provide highest level of retention

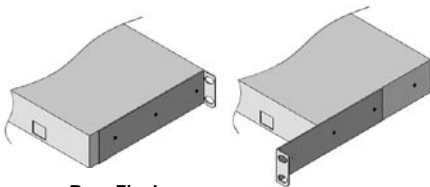
Adjustable Mounting Options



Mounting Brackets Are Detachable With Several Mounting Options Shown

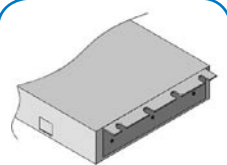
Front Flush

Center Mount



Rear Flush

Front Recessed



Optional Zero-U Bracket (001-1928-1)

Rack Mounting Hole Specification Table



HOLE SPECIFICATION TABLE

A	Y	Z
1.75	.25	1.25

010-9334:
C19 to NEMA 5-15P
125V, 15A Straight Blade
8 foot, 14AWG/3wire



010-9335:
C19 to NEMA 5-20P
125V, 20A Straight Blade
8 foot, 12AWG/3wire



010-9339:
C19 to NEMA L5-20P
125V, 20A Twist-Lock
8 foot, 12AWG/3wire



010-9341:
C19 to NEMA L6-20P
250V, 20A Twist-Lock
8 foot, 12AWG/3wire



010-9343:
CEE7-7 to C19
250V, 16A EUROPE (Schuko)
2.5M, 1.5mm/3wire Harmonized



010-0025: 8 foot
C13 to C14 Harmonized, 1mm/3wire
100-240V rated



TVSS (Transient Voltage Surge Suppression) MOV SPECIFICATIONS			
Continuous AC Voltage	150VAC	270VAC	320VAC
Continuous DC Voltage	200VDC	360VDC	420VDC
Max. DC Leakage	200µA	200µA	200µA
Low Varistor Voltage Limit	212VDC	389VDC	462VDC
High Varistor Voltage Limit	243VDC	453VDC	540VDC
Nominal Varistor Voltage	236VDC	424VDC	503VDC
Current For Varistor Voltage	1mA	1mA	1mA
Max. Clamp Voltage 8x20µs	360V	680V	810V
Max. Clamp Voltage Test Current	100A	100A	100A
Peak Current Rating (1 Pulse)	12000A	10000A	10000A
Peak Current Rating (2 Pulse)	9000A	6500A	6500A
Energy Rating (10x1000µs)	170J	325J	385J
Energy Rating (8x20µs)	170J	325J	385J
Capacitance	1700pF	970pF	820pF
Impulse Response Time	50ns	50ns	50ns

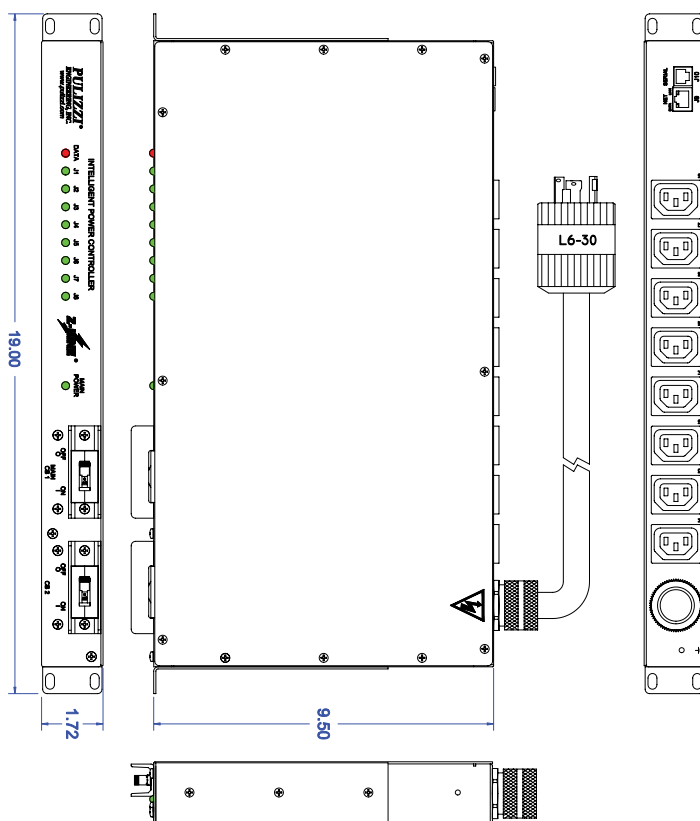
EMI/RFI FILTERING COMMON MODE INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	6	19	28	42	45	50

DIFFERENTIAL INSERTION LOSS						
Mhz.	.15	.50	1.0	5.0	10.0	30.0
dB.	6	6	30	50	30	30

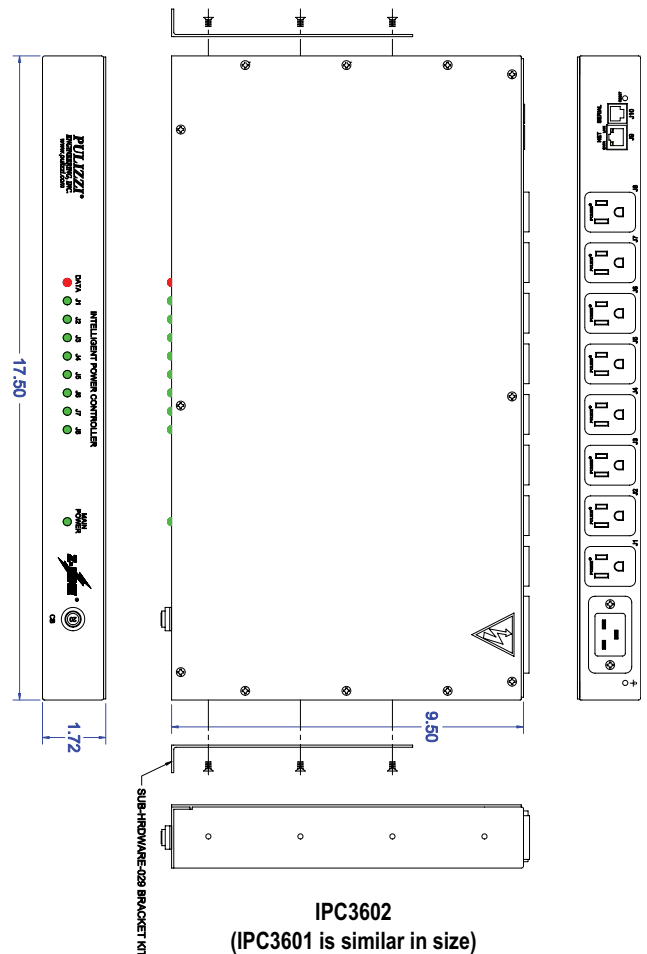
Environmental

Operating Temperature is 0 to 50 C
 Storage Temperature is -40 to 70 C
 Altitude Maximum 10,000 ft.
 Relative Humidity is 95% Max Non-Condensing

Drawings are not shown to scale
 Dimensions are in inches



IPC3601-3316



IPC3602
 (IPC3601 is similar in size)