

EAT•N

Powerware

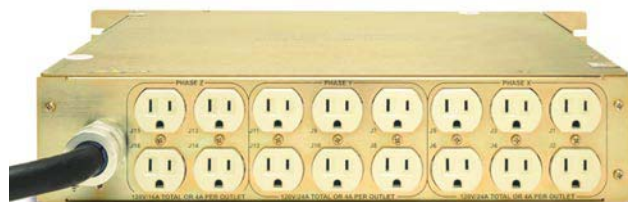
Three Phase Systems-North American PC2646 Series



Enclosure Power Distribution Units (ePDU™)



PC2646-C Front



PC2646-C Rear

RACK MOUNTED

- 19" x 3.4" (2U) x 12.0"
- Approximate weight: 29 lbs.

EMI/RFI FILTERING

- Common Mode - Line to Ground
- Differential Mode - Line to Line

SPIKE/SURGE SUPPRESSION

- 320V MOV L-N

BRANCH CIRCUIT PROTECTION

- UL489 Listed electromagnetic breakers, with a long time delay curve, provide both manual on/off switching and trips automatically in an overload condition
 - (1) Main 3-pole 30A breaker
 - (3) Secondary 2-pole breakers

(18) NEMA OUTLETS

- Each Phase has 6 outlets
- Phase Z has 4 outlets on the rear and 2 on the front panel

(4) INDICATOR LIGHTS

- Main breaker power "on" to system
- Power "on" to PH-X outlets
- Power "on" to PH-Y outlets
- Power "on" to PH-Z outlets

POWER INPUT

- Power cable with plug is attached to unit through the rear panel cable grip



SPECIFICATIONS	PC2646-C	PC2646-D
Voltage Input Three Phase (50/60Hz)	120/208V~	120/208V~
Voltage Output Single Phase (50/60Hz)	120V~	120V~
Current Input Per Phase	30A Per Phase	30A Per Phase
Current Output Per Phase	24A Per Phase	24A Per Phase
Full Load VA Per Phase	2880VA Per Phase	2880VA Per Phase
NEMA Outlets	(16) 5-15R	(16) 5-20
Main Circuit Breaker (on/off switch)	30/30/30A	30/30/30A
Secondary Circuit Breakers Per Phase	(3) 15/15A	(3) 20/20A
EMI/RFI Filter	30A	30A
Surge Suppression	320V	320V
Power Cord/Length	10/5, 15'	10/5, 15'
NEMA Power Input Plug	L21-30P	L21-30P

**TVSS (Transient Voltage Surge Suppression)
MOV SPECIFICATIONS**

Continuous AC Voltage	150VAC	270VAC	320VAC
Continuous DC Voltage	200VDC	360VDC	420VDC
Max. DC Leakage	200 μ A	200 μ A	200 μ A
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 8x20 μ s	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 (10x1000 μ s)	170J	325J	385J
Energy Rating (8x20 μ s)	170J	325J	385J
Capacitance	1700pF	970pF	820pF
Impulse Response Time	50ns	50ns	50ns

EMI/RFI FILTERING COMMON MODE INSERTION LOSS

Mhz.	.05	.15	.50	1.5	5.0	20.0
dB.	4	18	38	44	50	50

DIFFERENTIAL INSERTION LOSS

Mhz.	.05	.15	1.0	1.5	5.0	20.0
dB.	12	20	40	60	50	50

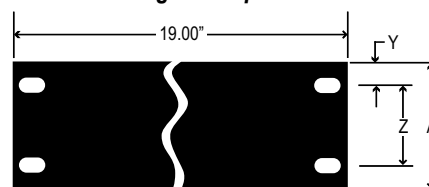
Environmental

Operating Temperature is 0 to 50 C

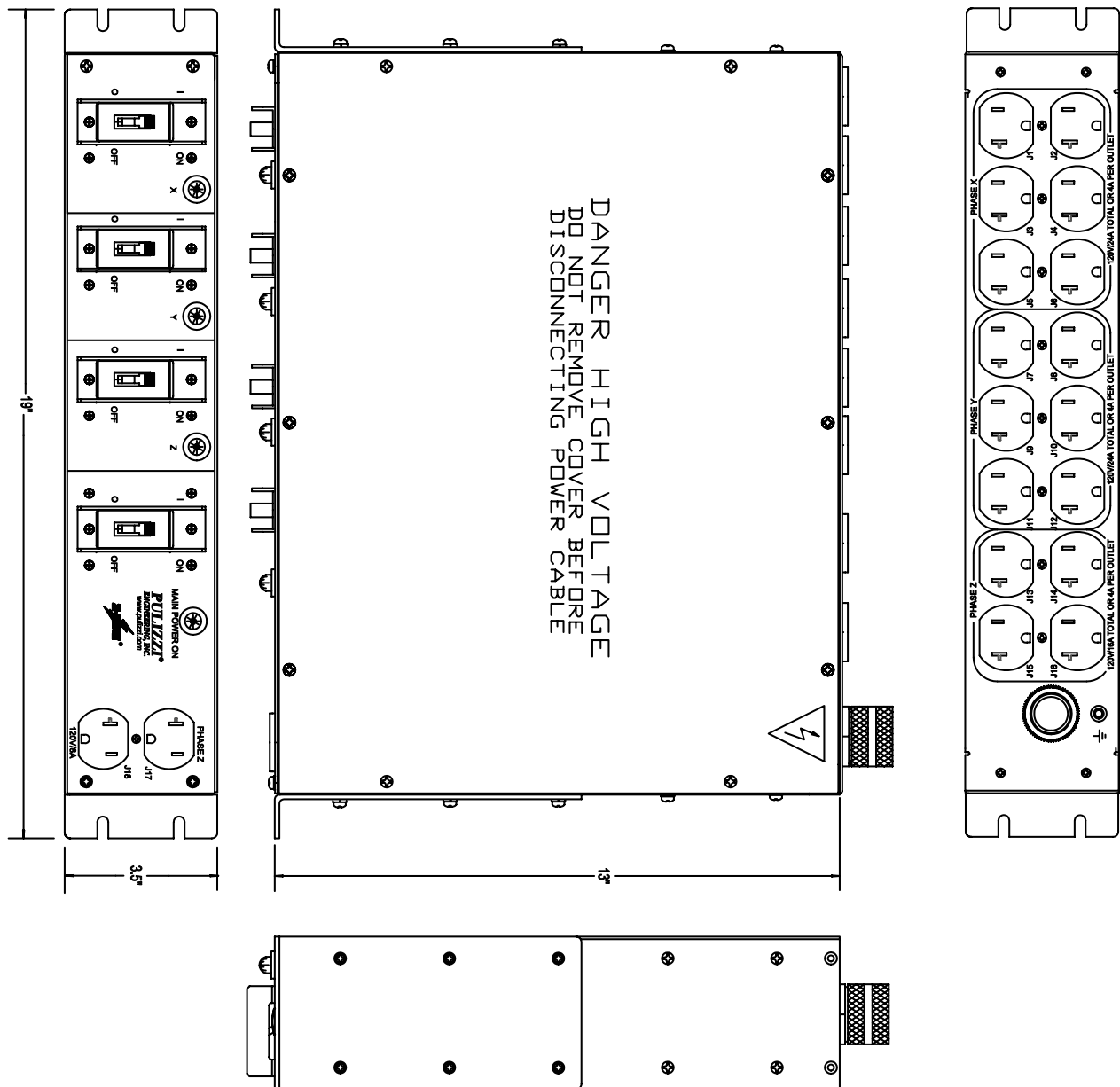
Storage Temperature is -40 to 70 C

Altitude Maximum 10,000 ft.

Relative Humidity is 95% Max Non-Condensing

Rack Mounting Hole Specification Table

HOLE SPECIFICATION TABLE

A	Y	Z
3.5	.875	1.75



Drawings are not shown to scale
Dimensions are in inches