

SINGLE PHASE POWER CONDITIONER

TWO VALUE-ENGINEERED POWER CONDITIONERS

COMPUTER ROOM • PRODUCTION FACILITY • TESTING LAB • TELECOMMUNICATIONS
RETAIL SALES / POS • INDUSTRIAL • GOVERNMENT • PUBLIC BUILDING • SCHOOLS
LIBRARY • HEALTHCARE • CRUISE LINE • BANKING / CREDIT • PRINTING FACILITY

CONSTANT POWER 3 & MINI POWER

1 TO 3 KVA



At Last: A First

Finally, a new style of unit has appeared as a solution to unstable voltage environments. The Constant Power 3 (CP3) and the Mini-Power economically fill the needs of small business computer systems that, until now, have been the victims of data corruption and damaged hardware.

You no longer need to own a large computer system to qualify for the benefits of a large power conditioner/regulator. OnLine Power has packed the high-priced features of the large-scale power conditioner/regulators into a small scale unit. Now even small businesses can take advantage of the regulating, isolating, filtering, and distributing features once reserved for larger business systems.

Pound for pound, there is no other more convenient, flexible means of regulating, conditioning dirty power, and distributing computer-grade electrical power, than OnLine's CP3 and Mini-Power.

The CP3's and The Mini-Power's isolation transformer, heavy-duty filters, and conservatively rated SCR's inhibit data error/destruction, pro-

tecting sensitive computer electronics. With electronically-controlled tap-switching, these regulators instantaneously compensate for a wide range of voltage fluctuations. Switching only occurs at the zero current crossing of the AC cycle to deliver regulation without a hitch.

The CP3 can be custom equipped with up to 4 different NEMA or Hubbell type receptacles (refer to the accompanying chart). The Mini-Power has 4 receptacles, mounted on the front, each rated for 20 Amps.

Output Receptacles
Rear Panel Configuration
(Std. 1 each 520R2)



UL Listed

Plug and Play Design

Solid State

Economical

EMI Shielded

High Efficiency and Isolation

Tight Output Voltage Regulation

Auto Tap Switching @ Zero Crossing Point

Output Distribution

Small, Mobile, Lightweight

1 Year Warranty

CP 3 & MP 3 SPECIFICATIONS

Size: 1, 1.5, 2, 2.5 and 3 kVA (Single Phase)

***Input Voltage:** 120 or 208 or 240 VAC

****Output Voltages:** 120 or 120/240 VAC

Output Frequency (Inverter Operation): 50 Hz or 60 Hz $\pm 5\%$

Response Time: 1 cycle typical

Harmonic Distortion: <1% maximum added

Audible Noise: <35 dB measured on Response Curve "A" typical noise attenuation

Common-Mode: -120 dB (.1 Hz to 10 MHz)

Normal-Mode: -60 dB/decade (1KHz to 10 MHz)

Overload (Inrush): 200% of full load for 10 seconds
1000% of full load for 1 cycle

Load Rating: Continuous, regardless of load/line conditions

Input Voltage Regulation Range: +7% to -23% of nominal

Output Voltage Regulation Range: $\pm 5\%$ typ. $\pm 6\%$ All line-load conditions

Efficiency: 96% min.

CP3 Output Receptacle**:** 2 optional receptacle positions

Load Power Factor: 0.3 leading or lagging to unity

Transformer: Single phase, dual-shielded, computer grade, isolation transformer

Environmental:

Humidity: 0 - 95% RH w/ no condensation

Operating Temperature: 0° to 40°C. (32 -104°F)

Storage Temperature: -20° to 60°C. (-4°-140°F)

Altitude: Up to 10,000 ft

Safety Agencies: UL Listed

Cabinet Dimension

Constant Power 3: 11" Wide x 10.5" High x 16" Deep

Mini Power: 6.5" Wide x 12" High x 12" Deep

KVA SIZE	INPUT VOLTAGE	MINI-POWER 120 V OUTPUT	CP3 MODEL NUMBERS		WEIGHT (LBS)	BTUs/HR
			120 V OUTPUT	120/240 V OUTPUT		
1	120	MP001A01TI	C3001A0100TI	C3001A0200TI	56	136
	208	MP001B01TI	C3001B0100TI	C3001B0200TI		
	240	MP001D01TI	C3001D0100TI	C3001D0200TI		
1.5	120	MP1.5A01TI	C31.5A0100TI	C31.5A0200TI	59	204
	208	MP1.5B01TI	C31.5B0100TI	C31.5B0200TI		
	240	MP1.5D01TI	C31.5D0100TI	C31.5D0200TI		
2	120	MP002A01TI	C3002A0100TI	C3002A0200TI	70	272
	208	MP002B01TI	C3002B0100TI	C3002B0200TI		
	240	MP002D01TI	C3002D0100TI	C3002D0200TI		
2.5	120		C32.5A0100TI	C32.5A0200TI	73	340
	208		C32.5B0100TI	C32.5B0200TI		
	240		C32.5D0100TI	C32.5D0200TI		
3	120		C3003A0100TI	C3003A0200TI	80	408
	208		C3003B0100TI	C3003B0200TI		
	240		C3003D0100TI	C3003D0200TI		

* Other voltages or frequencies available- contact factory

** Mini-Power 120 VAC only

STANDARD FEATURES

- 6 ft. Input Cable
- Input Main Circuit Breaker
- Single Phase, Dual-Shielded, Computer Grade, Isolation Transformer, Copper Wound.
- Regulation/Isolation Only Switch (Bypasses Regulation Electronics)
- Power ON Indicator
- Output Distribution
- One NEMA 5-20R2 Receptacle
- Output Filter (-60 dB per decade)
- 2 Year Warranty

OPTIONS

- High Isolation Transformer with Harmonic Tolerance (up to K-50)
- Locking Input Plug
- Spare Parts
- Extended Warranty and Service Plan
- Special Paint
- TVSS
- CP3 Output Receptacle

*** CP3 ONLY OPTIONAL RECEPTACLES

		15 Amps	20 Amps	30 Amps	50 Amps
125 V	Non-Locking	5-15R	5-20R	5-30R	5-50R
	Locking	L5-15R	L5-20R	L5-30R	
250 V	Non-Locking	6-15R	6-20R	6-30R	6-50R
	Locking	L6-15R	L6-20R	L6-30R	
125 V, 250 V	Non-Locking	14-15R	14-20R	14-30R	14-50R
	Locking		L14-20R	L14-30R	

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