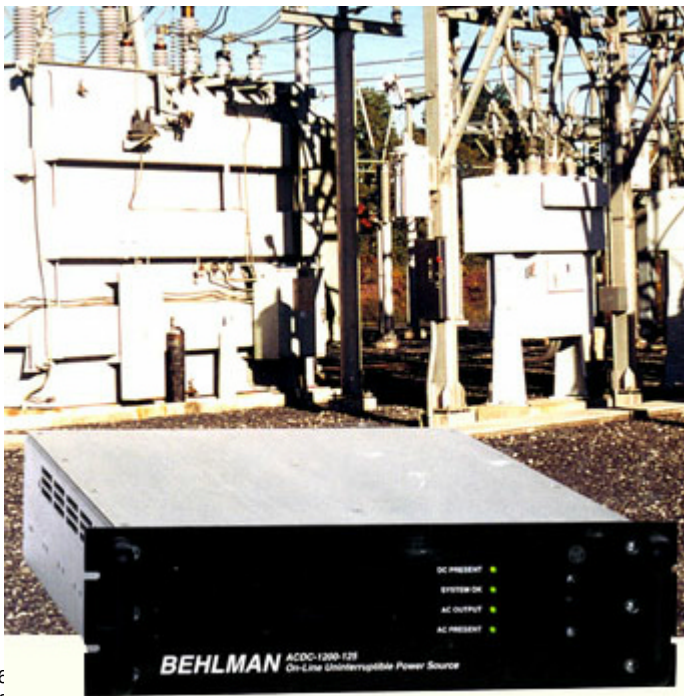


AC-AC / DC-AC INVERTER, Uninterruptible Power Source

MODELS:

ACDC1200-48, ACDC1200-125, ACDC1200-250,
ACDC-1200i-48, ACDC1200i-125, ACDC1200i-250



Behlman's INV series, INVERTERS deliver 1200 VA of 120 Vac, either 48 Vdc, 125 Vdc or 250VDC. You have a choice of a low dis output, Model INV1210.

Features

- 1200 VA in a 3.5" high chassis
- Sinewave or Quasi-Sinewave Output, Isolated and Floating
- 100% of Rated Power into any Power Factor Load.
- Crest Factor, 3:1
- Excellent Line & Load Regulation
- Option Bypass, DC to AC with Alarms and Indicators

INPUT					
MODELS	Input AC Votage for all Models		ACDC1200-48 ACDC1200i-48	ACDC1200-125 ACDC1200i-125	ACDC1200-250 ACDC1200i-250
INPUT	120 VAC +/- 10%, 1 phase, 47-63 Hz	or	48 VDC +/- 20%	125 VDC +/- 20%	250 VDC +/- 20%
	<ul style="list-style-type: none">• Service: 25Amps.• Maximum permissible voltage: 132VAC continous.• DC switching voltage: 95VAC RMS.• Connections: Barrier type terminals with #6 screws.		<ul style="list-style-type: none">• Quiescent DC current drain less than: 2Amps @ 48VDC,• 1Amp @ 125VDC, 0.5Amps @ 250VDC.• Maximum DC burden (full load): 40Amps DC @ 38VDC,• 15Amps DC @ 100VDC, 7.5Amps @ 250VDC.• Connections: Barrier type terminals with #8 screws.		
	AC operation with instantaneous automatic DC switch over (true on-line system) and cold start capability. (Start on AC or DC)				

OUTPUT	
Voltage:	120 VAC +/- 5%, 60 Hz +/- .01%, Isolated and floating. Option i: 230VAC +/- 5%, 50Hz +/- .01%
Current:	10 Amps
Power:	1200VA
Waveform:	True on-line sine wave output
Power Factor:	100% of rated output into any power factor load.
Distortion:	5% THD typical
Switch Time:	Zero. True on-line
Efficiency:	80% typical
Connection:	Four NEMA 5-15 receptacles. Options: Barrier terminals; International receptacles.

PROTECTION CIRCUITS	
Input:	Main circuit beaker.
Short Circuit Protection:	Short circuit overload electronically latches output to protect load.
Thermal Protection:	Internal temperature sensor prevents heat damage.
Bypass:	If the inverter fails the unit will route the AC input to the AC output. Bypass fuse on front panel, 15 Amps.

FRONT PANEL CONTROLS and INDICATORS	
Power On/Off circuit breaker	
Four LED's: AC PRESENT, DC PRESENT, AC OUTPUT and SYSTEM OK.	

ALARM CONTACTS	
Four contact closure:	NO AC; NO DC; NO AC OUT & SYSTEM FAIL.
Contact rating:	0.6 Amps @ 125VAC; 0.8Amps @ 110VDC; 2Amps @ 30VDC.
Connections:	Barrier type terminals with #6 screws.

MECHANICAL SPECIFICATIONS	
Dimensions:	High strength 19"W Rack mounted chassis, 5.25"H x 19.00"D.
Weight:	

ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature:	-20 ⁰ to 55 ⁰ C.
Humidity:	Up to 95% non-condensing
SWC:	Designed to meet IEEE C37.90.1.
Fast Transient:	Designed to meet IEEE C37.90.1.
EMI:	Designed for immunity to conducted & radiated EMI.
RFI:	Designed to meet IEEE C37.90.2 - 1997.

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