

## Chloride CP3150 UPS (100 kVA)



### Chloride CP3150 UPS 100 kVA model

The CP3150 is now available in a 100 kVA module. The CP3150 Series is optimized for high density applications ranging from conventional servers and communications gear to advanced blade servers and medical diagnostic equipment.

It features:

- True on-line operation
- High efficiency
- 0.9 power factor
- Parallelable, up to 8 modules
- Blade server (leading power factor) ready
- Vector controlled IGBT inverter
- Top and bottom cable entry
- Compatibility with the full Chloride connectivity suite
- Free LIFE.net monitoring for one year
- Field upgradable to 125 kVA or 150 kVA
- Listed to UL 1778, CSA 22.2 No. 107.3
- And many more features and options

CP3150 UPS models	100 kVA		
	(2 x 2)	(4 x 2)	(4 x 4)
Base unit part number	3150/150/100-2-2	3150/150/100-4-2	3150/150/100-4-4
Power rating @ 0.9 power factor (kVA/kW)	100/90	100/90	100/90
Input voltage (VAC) (single input) (dual input)	208 NA	480 480	480/277 480
Bypass input (dual input)	NA	480	480/277
Input voltage tolerance	±15%	±15%	±15%
Input frequency (Hz)	60 Hz ±5%	60 Hz ±5%	60 Hz ±5%
Input power factor	≥ 0.92	≥ 0.92	≥ 0.92
Input current (nominal/maximum) (A)	334/466	144/203	130/183
Input THDi	≤ 10% with filter	≤ 10% with filter	≤ 10% with filter
Output voltage (VAC)	208/120	208/120	480/277
Output voltage regulation	± 3%, 100% unbalanced load		
Nominal output current (A)	277	277	120
Voltage THD	< 3%	< 3%	< 3%
Load power factor (without derating)	0.9 leading to 0.9 lagging		
Output frequency (Hz)	60 Hz, ± 0.75% selectable		
System efficiency	89%	91%	93%
Full load heat rejection (BTU/hr)	37,954	30,370	23,113
UPS dimensions HxWxD - in (cm)	75.3 x 69.0 x 33.7 (191 x 115 x 85.5)	75.3 x 45.3 x 33.7 (191 x 115 x 85.5)	75.3 x 45.3 x 33.7 (191 x 115 x 85.5)
UPS net weight - lbs (kg)	5,560 (2,527)	3,750 (1,705)	2,600 (1,182)
UPS ship weight - lbs (kg)	call factory		
Inverter technology	IGBT with vector control system		
Overload capacity	150% for 1 minute; 125% for 10 minutes		
Maximum acoustical	65 dBA @ 3 feet (0.9 meter)		
Connectivity	SNMP (standard); dry contact, RS-232 (optional)		
Temperature	operating: 32°F - 104°F (0°C - 40°C)		
Relative humidity	≤ 95%, non-condensing		
Altitude	5000 ft / 1500 m asl without derating		

Battery Runtimes	100 kVA (hr:min)	Cabinet type	Cabinet net wt lb (kg)	Cabinet Dimensions* in (cm) HxWxD
Pack 600	0:08	1 x K	3208 (1458)	75x43x34 (191x109x86)
Pack 601	0:11	1 x K	3618 (1644)	75x43x34 (191x109x86)
Pack 602	0:14	1 x K	3958 (1799)	75x43x34 (191x109x86)
Pack 603	0:21	1 x CR4	4650 (2113)	77x40x32 (195x101x83)
Pack 604	0:24	2 x K	6416 (5916)	75x86x34 (191x218x86)
Pack 605	0:28	2 x K	7236 (3289)	75x86x34 (191x218x86)
Pack 606	0:34	2 x K	7916 (3598)	75x86x34 (191x218x86)
Pack 607	0:52	2 x CR4	9300 (4227)	77x80x32 (195x202x83)

\* Call factory for all cabinet shipping weights.

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