

Chloride CP3150 UPS (125 - 150 kVA)



Secure, scalable solutions for small to medium critical power requirements.

Chloride CP3150 UPS

The CP3150 is optimized for high density applications ranging from conventional servers and communications gear to advanced blade servers – without derating or modification. Robust design and technology, paralleling capability, and dual inputs assure the highest levels of system availability while setting new standards for efficiency, cost effectiveness, flexibility, and quiet operation. It is ideal for medium sized data centers and other mid-range applications. The CP3150 is available in 125 and 150 kVA modules and up to 8 modules may be paralleled.

Dependable technology

- True on-line operation
- High efficiency
- Parallelable, up to 8 modules
- Advanced battery management
- Blade server (leading power factor) ready
- Vector controlled IGBT inverter
- Field upgradable

Convenient features

- User friendly display and operator controls
- Quiet operation
- Dual input capability
- Power walk-in capability (selectable)
- Generator mode (selectable)
- Easy installation and maintenance
- LIFE.net for real-time monitoring of UPS status from the Chloride Service Center
- ManageUPS® Net Adapter - SNMP/Web for UPSs
- Top and bottom cable entry

Versatile options

- External maintenance bypass
- Line up and match battery cabinets
- ManageUPS Net +B Modbus Adapter
- MopUPS® PR parallel/redundant management/shutdown software
- Extended warranties and service plans

Reliable service

- 24-Hour technical support
- Nationwide network of local, experienced, factory trained technicians

Assured safety & quality

- Listed to UL 1778, CSA 22.2 No. 107.3
- All cabinets provide seismic mounting features
- ISO 9001 & ISO 14001

CP3150 UPS models	125 kVA			150 kVA		
	(2 x 2)	(4 x 2)	(4 x 4)	(2 x 2)	(4 x 2)	(4 x 4)
Base unit part number	3150/150/125-2-2	3150/150/125-4-2	3150/150/125-4-4	3150/150/150-2-2	3150/150/150-4-2	3150/150/150-4-4
Power rating @ 0.9 power factor (kVA/kW)	125/112			150/135		
Input voltage (VAC) (single input)	208	480	480/277	208	480	480/277
(dual input)	208	480	480	208	480	480
Bypass input (dual input)	208	480	480/277	208	480	480/277
Input voltage tolerance	±15%			±15%		
Input frequency (Hz)	60 Hz ±5%			60 Hz ±5%		
Input power factor	≥ 0.92			≥ 0.92		
Input current (nominal/maximum) (A)	388/540	165/230	161/224	458/650	194/275	190/270
Input THDi	≤ 7% with filter			≤ 7% with filter		
Output voltage (VAC)	208/120	208/120	480/277	208/120	208/120	480/277
Output voltage regulation	± 3%, 100% unbalanced load			± 3%, 100% unbalanced load		
Nominal output current (A)	347	347	150	416	416	180
Voltage THD	< 3%			< 3%		
Load power factor (without derating)	0.9 leading to 0.9 lagging			0.9 leading to 0.9 lagging		
Output frequency (Hz)	60 Hz, ± 0.75% selectable			60 Hz, ± 0.75% selectable		
System efficiency	89%	91%	93%	89%	91%	93%
Full load heat rejection (BTU/hr)	47,442	37,963	28,892	56,930	45,556	34,670
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 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)	
UPS net weight - lbs (kg)	5,560 (2,527)	3,750 (1,705)	2,600 (1,182)	5,560 (2,527)	3,750 (1,705)	2,600 (1,182)
UPS ship weight - lbs (kg)	call factory			call factory		
Inverter technology	IGBT with vector control system			IGBT with vector control system		
Overload capacity	150% for 1 minute; 125% for 10 minutes			150% for 1 minute; 125% for 10 minutes		
Maximum acoustical	65 dBA @ 3 feet (0.9 meter)			65 dBA @ 3 feet (0.9 meter)		
Connectivity	SNMP, dry contact, RS-232 (standard)			SNMP, dry contact, RS-232 (standard)		
Temperature	operating: 32°F - 104°F (0°C - 40°C)			operating: 32°F - 104°F (0°C - 40°C)		
Relative humidity	≤ 95%, non-condensing			≤ 95%, non-condensing		
Altitude	5000 ft / 1500 m asl without derating			5000 ft / 1500 m asl without derating		

Runtimes	125 kVA (hr:min)	150 kVA (hr:min)	Cabinet type	Cabinet net wt lb (kg)	Cabinet ship wt lb (kg)	Cabinet Dimensions in (cm) HxWxD
Pack 601	0:06		1 x K	3618 (1644)	call factory	75x43x34 (191x109x86)
Pack 602	0:09	0:05	1 x K	3958 (1799)	call factory	75x43x34 (191x109x86)
Pack 603	0:15	0:11	1 x CR4	4650 (2113)	call factory	77x40x32 (195x101x83)
Pack 604	0:18	0:13	2 x K	6416 (5916)	call factory	75x86x34 (191x218x86)
Pack 605	0:21	0:16	2 x K	7236 (3289)	call factory	75x86x34 (191x218x86)
Pack 606	0:26	0:20	2 x K	7916 (3598)	call factory	75x86x34 (191x218x86)
Pack 607	0:39	0:30	2 x CR4	9300 (4227)	call factory	77x80x32 (195x202x83)

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