

## Chloride CP3020 UPS (10 - 20 kVA)



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

### Chloride CP3020 UPS

The Chloride CP3020 addresses a wide range of three-phase power requirements for small single and multi-module configurations. Available in 10, 15, and 20 kVA modules, the CP3020 is the ideal scalable secure power solution for small to mid-range three-phase applications, including small data centers, telecommunications gear, industrial applications, and more.

### Dependable technology

- True on-line operation
- High efficiency
- Parallelable, up to 8 modules
- Advanced battery management
- IGBT PWM 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
- Top and bottom cable entry

### Versatile options

- External maintenance bypass
- Line up and match battery cabinets
- ManageUPS® Net Adapter and ManageUPS Net +B Modbus Adapter
- MopUPS® PR parallel/redundant management/shutdown software
- ManageUPS CIO web based management software

### 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

CP3020 UPS models	(2 x 2)	(4 x 2)	(4 x 4)	(2 x 2)	(4 x 2)	(4 x 4)	(2 x 2)	(4 x 2)	(4 x 4)
Base unit part number	3020/10-2x2	3020/10-4x2	3020/10-4x4	3020/15-2x2	3020/15-4x2	3020/15-4x4	3020/20-2x2	3020/20-4x2	3020/20-4x4
Power rating @ 0.8 power factor (kVA/kW)	10/8	10/8	10/8	15/12	15/12	15/12	20/16	20/16	20/16
Input voltage (VAC) (single input) (dual input)	208/120 208	480 NA	480/277 480	208/120 208	480 NA	480/277 480	208/120 208	480 NA	480/277 480
Bypass input (dual input)	208Y/120	NA	480/277	208Y/120	NA	480/277	208Y/120	NA	480/277
Input voltage tolerance	±15%			±15%			±15%		
Input frequency (Hz)	60 Hz ±5%			60 Hz ±5%			60 Hz ±5%		
Input power factor	≥ 0.97			≥ 0.97			≥ 0.97		
Input current (nominal/maximum) (A)	27/40	12/17	12/17	40/53	17/23	17/23	53/66	23/29	23/29
Input THDi	≤ 10% with filter			≤ 10% with filter			≤ 10% with filter		
Output voltage (VAC)	208/120	208/120	480Y/277	208/120	208/120	480/277	208/120	208Y/120	480/277
Output voltage regulation	± 4%, 100% unbalanced load			± 4%, 100% unbalanced load			± 4%, 100% unbalanced load		
Nominal output current (A)	28	28	14	42	42	18	56	56	24
Voltage THD	< 3%			< 3%			< 3%		
Load power factor (without derating)	0.8			0.8			0.8		
Output frequency (Hz)	60 Hz, ± 0.75% selectable			60 Hz, ± 0.75% selectable			60 Hz, ± 0.75% selectable		
System efficiency	up to 86.0%			up to 87.0%			up to 87.0%		
Full load heat rejection (BTU/hr)	4,443			6,118			8,150		
UPS dimensions HxWxD - in (cm)	69.0 x 27.6 x 38.6 (174 x 70 x 97)			69.0 x 27.6 x 38.6 (174 x 70 x 97)			69.0 x 27.6 x 38.6 (174 x 70 x 97)		
UPS net weight - lbs (kg)	850 (387)			850 (387)			850 (387)		
UPS ship weight - lbs (kg)	call factory			call factory			call factory		
Overload capacity	150 % for 1 min; 125% for 10 min			150 % for 1 min; 125% for 10 min			150 % for 1 min; 125% for 10 min		
Maximum acoustical	55 dBA @ 3 feet (0.9 meter)			55 dBA @ 3 feet (0.9 meter)			55 dBA @ 3 feet (0.9 meter)		
Connectivity	SNMP, dry contact, RS-232 (standard)			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)			operating: 32°F - 104°F (0°C - 40°C)		
Relative humidity	≤ 95%, non-condensing			≤ 95%, non-condensing			≤ 95%, non-condensing		
Altitude	5000 ft / 1500 m asl without derating			5000 ft / 1500 m asl without derating			5000 ft / 1500 m asl without derating		

Runtimes	10 kVA hr:min	15 kVA hr:min	20 kVA hr:min	Cabinet type	Cabinet net wt lb (kg)	Cabinet ship wt lb (kg)	Cabinet Dimensions in (cm) HxWxD
Pack 501	0:40	0:23	0:14	internal	740 (366)*	call factory	
Pack 502	1:03	0:37	0:26	1 x G	1700 (771)	call factory	69x18x37 (175x46x94)
Pack 503	1:43	1:01	0:44	1 x G	1700 (771)	call factory	69x18x37 (175x46x94)
Pack 504	2:18	1:26	1:01	1 x H	2400 (1089)	call factory	69x28x37 (175x71x94)
Pack 505	2:33	1:29	1:03	1 x H	2400 (1089)	call factory	69x28x37 (175x71x94)

\* Add battery weight to module weight.

This company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information or specification without prior notice.

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