

Uninterruptible Power Systems

CP3000

Model 20

10 kVA
15 kVA
20 kVA



CHLORIDE
POWER PROTECTION



- True On-line Protection
- IGBT PWM Inverter
- State-of-the-Art Communications Solutions
- Input Circuit Breaker
- Advanced Battery Management
- Internal Maintenance Bypass
- User Friendly Display
- Parallelable, up to 8 Modules
- Field Upgradeability
- Caster Equipped for Ease of Installation
- Top and Bottom Cable Entry

Environmental Specifications

Maximum Acoustical Noise Level 55 dBA at 3 feet
0°C to 40°C Operating Temperature
Relative Humidity: 0 to 95% Noncondensing
Operation to 1,500 Meters Without Derating
EMC: Meets FCC Class A

Input Specifications

Voltage: Nominal $\pm 15\%$
Frequency: 60 Hz $\pm 5\%$
Power Factor: 0.97 Typical Without Harmonic Filter

Output Specifications

Voltage THD: $< 3\%$ for 100% Linear Loads
Output Regulation: $\pm 2\%$ with Balanced Load;
 $\pm 4\%$ with 100% Unbalanced Load
Frequency Regulation: $\pm 1\%$

Options

ManageUPSNET Web Monitoring Software
MopUPS Network Shutdown Software
SNMP Adapter
LIFE2000 Factory Monitoring Service
External Maintenance Bypass
10% Input Harmonic Filter
Extended Warranties
Preventive Maintenance Packages

Safety

UL 1778 and CSA C22.2 No.107.1 Listed
All Cabinets Provide Seismic Mounting Features

CP3000

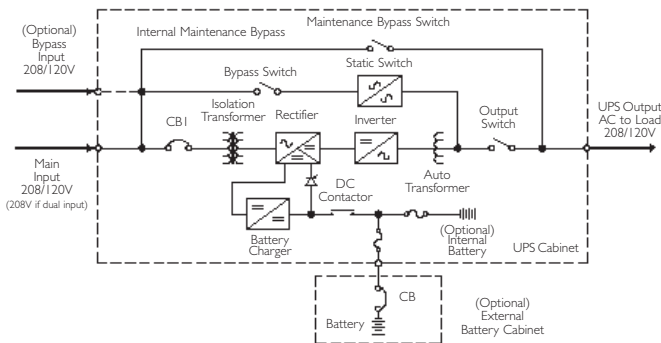


Performance and Physical Data (Nominal Conditions with Linear Load)

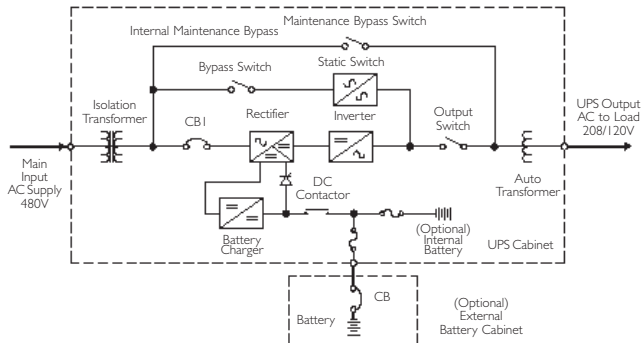
MODEL 20	Model 20 - 10 kVA			Model 20 - 15 kVA			Model 20 - 20 kVA		
	2x2	4x2	4x4	2x2	4x2	4x4	2x2	4x2	4x4
kVA/kW @ .8 PF	10/8	10/8	10/8	15/12	15/12	15/12	20/16	20/16	20/16
Input Voltage (single input)	208Y/120	480	480Y/277	208Y/120	480	480Y/277	208Y/120	480	480Y/277
Input Voltage (dual input)	208	N/A	480	208	N/A	480	208	N/A	480
Bypass Voltage (dual input)	208Y/120	N/A	480Y/277	208Y/120	N/A	480Y/277	208Y/120	N/A	480Y/277
Output Voltage	208Y/120	208Y/120	480Y/277	208Y/120	208Y/120	480Y/277	208Y/120	208Y/120	480Y/277
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Nominal Input Current	27	12	12	40	17	17	53	23	23
Maximum Input Current	40	17	17	53	23	23	66	29	29
Nominal Output Current	28	28	14	42	42	18	56	56	24
System Efficiency 100%	86	86	86	87	87	87	87	87	87
Full Load Heat Rejection (BTU/hr)	4,443	4,443	4,443	6,118	6,118	6,118	8,150	8,150	8,150
Height	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
Width	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
Depth	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
Weight (w/o internal batteries or input filter)	850	850	850	850	850	850	850	850	850

One Line Diagrams

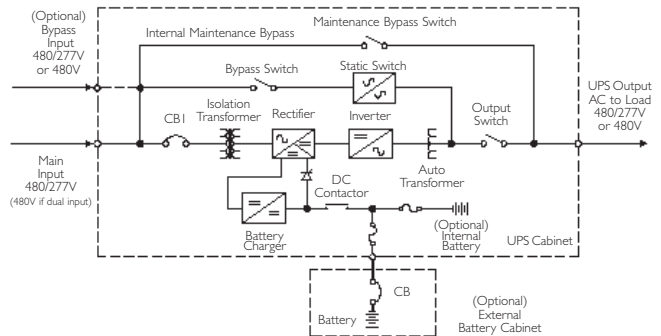
20 kVA (2 x 2)



20 kVA (4 x 2)



20 kVA (4 x 4)



Battery Data

	10 kVA	15 kVA	20 kVA	Cabinets
Pack 501	40 minutes	23 minutes	14 minutes	Internal*
Pack 502	63 minutes	37 minutes	26 minutes	1 x G
Pack 503	103 minutes	61 minutes	44 minutes	1 x G
Pack 504	138 minutes	86 minutes	61 minutes	1 x H
Pack 505	153 minutes	89 minutes	63 minutes	1 x H

* Internal Battery Weight: 740 lbs. (if used, add to module weight)

Cabinet type G dimensions: 18.3" W x 37.0" D x 69" H, Max. Weight: 1,700 lbs
Cabinet type H dimensions: 27.6" W x 37.0" D x 69" H, Max. Weight: 2,400 lbs

CHLORIDE
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