

Uninterruptible Power Systems

EDP70L

Model 100
80 kVA
100 kVA

Model 250
200 kVA
225 kVA
250 kVA



CHLORIDE
POWER PROTECTION



- True On-line Protection
- Transistorized PWM Inverter
- State-of-the-Art Communications Solutions
- Advanced Battery Management
- Internal Maintenance Bypass
- User Friendly, Multilingual Display
- RS232 Port
- AS/400™ Interface
- Field Upgradeability

Environmental Specifications

Maximum Acoustical Noise Level 65 dBA at 3 feet
-8°C to 40°C Operating Temperature
Relative Humidity: 0 to 95% Noncondensing
Operation to 1,500 Meters Without Derating

Input Specifications

Voltage: Nominal $\pm 20\%$
Frequency: 60 Hz $\pm 5\%$
Power Factor: 0.82 Lagging Without Input Filter

Output Specifications

Voltage THD: $< 3\%$ for 100% Linear Loads;
 $< 5\%$ for 100% Non-linear Loads
Output Regulation: $\pm 1\%$ with Balanced Load;
 $\pm 3\%$ with 100% Unbalanced Load
Frequency Regulation: $\pm 0.05\%$

Options

ManageUPSNET Web Monitoring Software
MopUPS Network Shutdown Software
SNMP Adapter
LIFE2000 Factory Monitoring Service
External Maintenance Bypass
7% Input Harmonic Filter
Extended Warranties
Preventive Maintenance Packages

Compliance

Listed to UL 1778

EDP70L



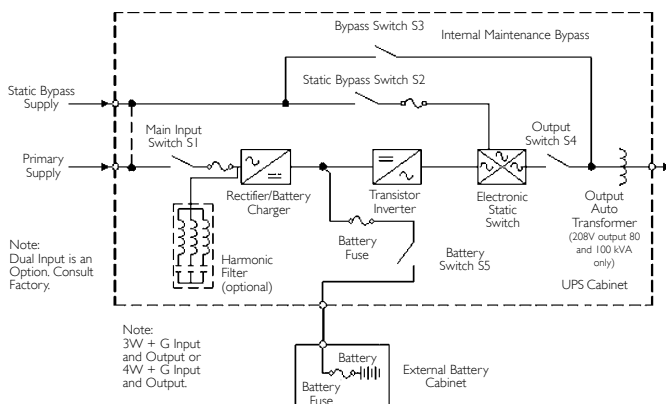
Performance and Physical Data

MODEL 100	Model 100 - 80 kVA			Model 100 - 100 kVA		
	2x2	4x2	4x4	2x2	4x2	4x4
kVA/kW @.8 PF	80/64	80/64	80/64	100/80	100/80	100/80
Input Voltage	208Y/120	480Y/277	480Y/277	208Y/120	480Y/277	480Y/277
Output Voltage	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
Nominal Input Current	237	102	101	296	128	127
Maximum Input Current	296	129	127	370	164	162
Nominal Output Current	222	222	96	276	276	120
System Efficiency 100%	90	91	92.5	90.5	91.5	92.5
Full Load Heat Rejection (BTU/Hr)	24,200	21,600	17,700	28,700	25,400	22,100
Height	70.0	70.0	70.0	70.0	70.0	70.0
Width	56.0	32.0	32.0	56.0	32.0	32.0
Depth	33.0	33.0	33.0	33.0	33.0	33.0
Weight	2600	2100	1650	2600	2100	1650



MODEL 250	Model 250 - 200 kVA			Model 250 - 225 kVA			Model 250 - 250 kVA		
	2x2	4x2	4x4	2x2	4x2	4x4	2x2	4x2	4x4
kVA/kW @.8 PF	200/160	200/160	200/160	225/180	225/180	225/180	250/200	250/200	250/200
Input Voltage	208Y/120	480Y/277	480Y/277	208Y/120	480Y/277	480Y/277	208Y/120	480Y/277	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	589	254	252	662	285	284	736	317	315
Maximum Input Current	736	329	326	828	372	367	920	411	408
Nominal Output Current	555	555	241	625	625	271	694	694	301
System Efficiency 100%	91	92	93	91	92	93	91.5	92.5	93.5
Full Load Heat Rejection (BTU/Hr)	54,000	47,500	41,000	60,700	53,400	46,200	63,400	55,300	47,500
Height	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
Width	104.0	80.0	56.0	104.0	80.0	56.0	104.0	80.0	56.0
Depth	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
Weight	4500	3700	2900	4500	3700	2900	4500	3700	2900

One Line Diagram



Battery Data

	MODEL 100		MODEL 250			Cabinets
	80 kVA	100 kVA	200 kVA	225 kVA	250 kVA	
Pack 120	13	9	—	—	—	1 x C
Pack 121	17	12	—	—	—	1 x C
Pack 122	21	15	—	—	—	1 x D
Pack 117	22	15	—	—	—	2 x C
Pack 123	38	26	9	7	5	2 x C
Pack 115	42	35	12	10	8	2 x C
Pack 125	56	45	15	13	11	2 x D
Pack 126	60	43	17	14	12	3 x C
Pack 127	77	57	23	19	16	3 x C
Pack 128	90	71	28	24	20	3 x D

Cabinet type C dimensions: 33.0" W x 33.0" D x 70.0" H
Cabinet type D dimensions: 40.0" W x 33.0" D x 70.0" H

CHLORIDE
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