

Uninterruptible Power Systems

EDP70^{plus}

Model 24

12 kVA
18 kVA
24 kVA



CHLORIDE
POWER PROTECTION



- True On-line Protection
- IGBT PWM Inverter
- State-of-the-Art Communications Solutions
- Input/Output Circuit Breakers
- Advanced Battery Management
- Internal Maintenance Bypass
- User Friendly, Multilingual Display
- Dual RS232 Ports
- Field Upgradeability

Environmental Specifications

Maximum Acoustical Noise Level 52 dBA at 3 feet
-8°C to 40°C Operating Temperature
Relative Humidity: 0 to 95% Noncondensing
Operation to 1,000 Meters Without Derating

Input Specifications

Voltage: Nominal $\pm 20\%$
Frequency: 60 Hz $\pm 5\%$
Power Factor: 0.82 Typical Without Harmonic 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
10% Input Harmonic Filter
Extended Warranties
Preventive Maintenance Packages

Compliance

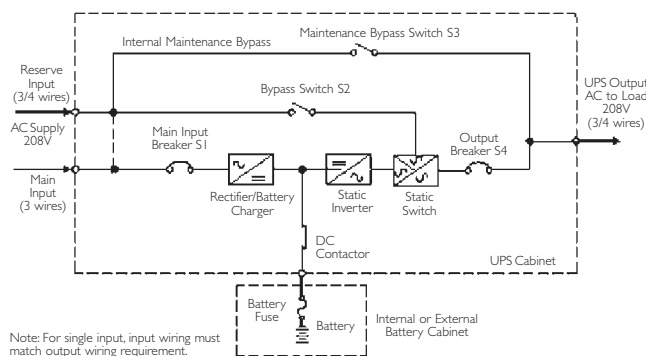
Listed to UL 1778 and CSA C22.2 No.107.1

Performance and Physical Data

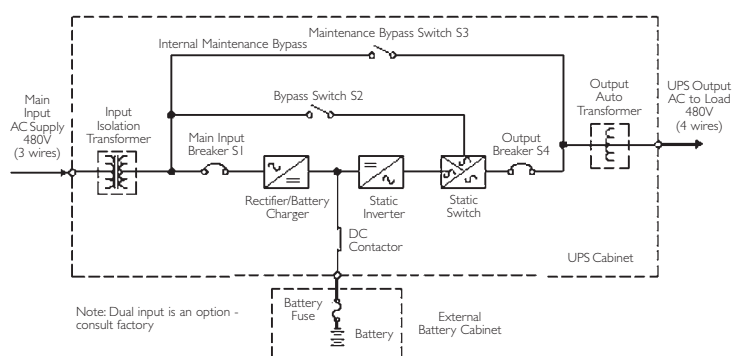
MODEL 24	Model 24 - 12 kVA			Model 24 - 18 kVA			Model 24 - 24 kVA		
	2x2	4x2	4x4	2x2	4x2	4x4	2x2	4x2	4x4
kVA/kW @ .67 PF	12/8	12/8	12/8	18/12	18/12	18/12	24/16	24/16	24/16
Input Voltage	208Y/120	480	480	208Y/120	480	480	208Y/120	480	480
Output Voltage	208Y/120	208Y/120	480Y/277	208Y/120	208Y/120	480Y/277	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	37	16	16	57	25	25	76	33	33
Maximum Input Current	42	19	19	60	26	26	78	34	34
Nominal Output Current	33	33	14	50	50	22	67	67	29
System Efficiency 100%	88	87	86	88	87	86	88	87	86
Full Load Heat Rejection (BTU/hr)	3,750	4,150	4,550	5,460	6,200	6,600	6,800	7,500	8,200
Height	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
Width	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
Depth	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
Weight	900	1200	1400	900	1200	1400	900	1200	1400

One Line Diagrams

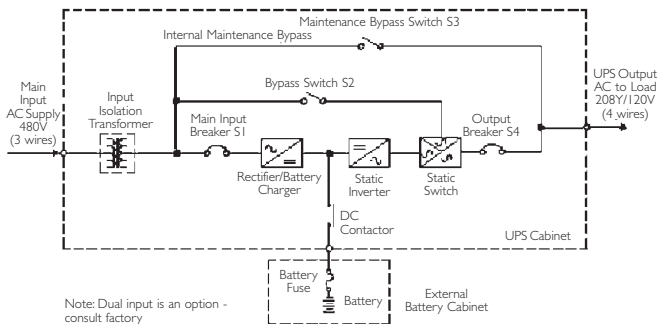
24 kVA (2 x 2)



24 kVA (4 x 4)



24 kVA (4 x 2)



Battery Data

	24 - 12 kVA	24 - 18 kVA	24 - 24 kVA	Cabinets
Pack 106	47	28	17	Internal*
Pack 107	47	28	17	1 x A
Pack 108	76	45	27	1 x A
Pack 109	116	72	40	1 x B
Pack 131	124	97	71	1 x B

* 2x2 only

Cabinet type A dimensions: 17.8" W x 28.7" D x 56.0" H

Cabinet type B dimensions: 33.6" W x 28.7" D x 56.0" H