

Uninterruptible Power Systems

EDP70_{plus}

Model 36

24 kVA
30 kVA
36 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

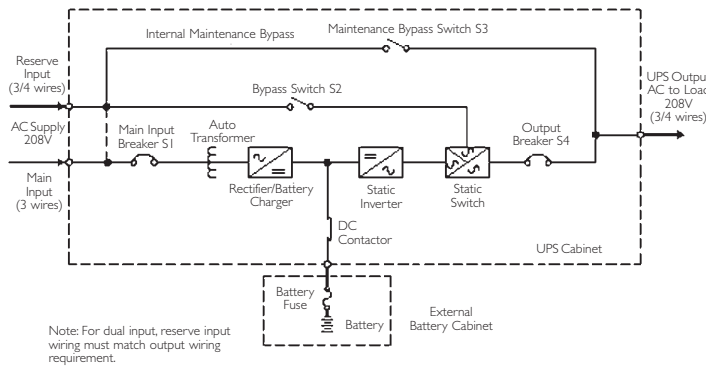


Performance and Physical Data

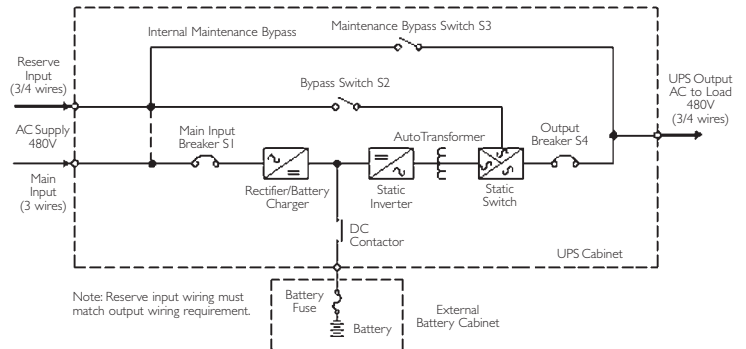
MODEL 36	Model 36 - 24 kVA			Model 36 - 30 kVA			Model 36 - 36 kVA		
	2x2	4x2	4x4	2x2	4x2	4x4	2x2	4x2	4x4
kVA/kW @.67 PF	24/16	24/16	24/16	30/20	30/20	30/20	36/24	36/24	36/24
Input Voltage	208Y/120	480	480Y/277	208Y/120	480	480Y/277	208Y/120	480	480Y/277
Output Voltage	208Y/120	208Y/120	480Y/277	208Y/120	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	75	33	33	93	40	40	112	49	49
Maximum Input Current	78	34	34	97	42	42	118	51	51
Nominal Output Current	67	67	29	83	83	36	100	100	43
System Efficiency 100%	89	89	89	89	89	89	89	89	89
Full Load Heat Rejection (BTU/hr)	7,700	7,700	7,700	9,500	9,500	9,500	11,300	11,300	11,300
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	1300	1300	1300	1300	1300	1300	1300	1300	1300

One Line Diagrams

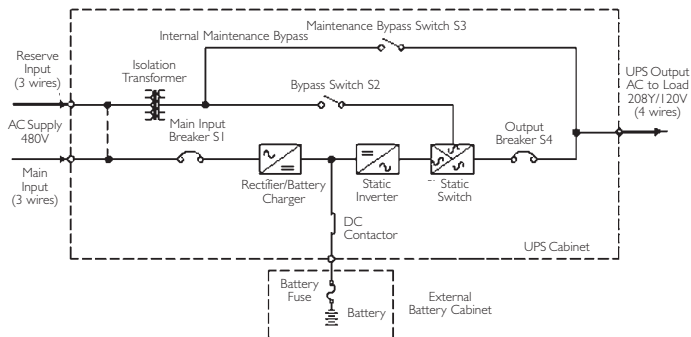
36 kVA (2 x 2)



36 kVA (4 x 4)



36 kVA (4 x 2)



Battery Data

	36 - 24 kVA	36 - 30 kVA	36 - 36 kVA	Cabinets
Pack 110	36	28	22	1 x A
Pack 111	61	45	35	1 x B
Pack 112	103	77	56	1A & 1B
Pack 120	103	77	56	1 x C

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

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