

世界 各国の 電源 現況

国名	周波数 및 許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
AFGHANISTAN	50	380/220 (A) 220 (L)	380/220 (A)	380/220 (A)(3)	(9)
ALGERIA	50±1.5	220/127 (E) 220 (L)(1)	380/220 (A) 220/127 (A)	10kV 5.5kV 6.6kV 380/220 (A)	± 5 and ± 10
ANGOLA	50	220 (L)(1)	380/220 (A)	380/220 (A)(3)	(9)
ANGUILLA	50	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
ANTIGUA	60	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
ARGENTINA	50±1.0	225 (L)(1) 220 (L)(1)	390/225 (A) 380/220 (A) 220 (L)	13.2kV 6.88kV 390/225 (A) 380/220 (A)	± 10 ± 6
AUSTRALIA	50±0.1	415/240 (A) (E) 240 (L)	415/240 (A) 440/250 (A) 440 (N) (6)	22kV 11kV 6.6kV 415/200 (A) 440/250 (A)	± 6 (10) ± 6
WESTERN AUSTRIA	50	440/250 (A)	(9)	(9)	± 6 (10)
AUSTRIA	50±0.1	380/220 (A) (B) 220 (L)	380/220 (A) (B) 220 (L)	20kV 10kV 5kV 380/220 (A)	± 5
BAHAMAS	60	240/120 (G) 120 (L)	240/120 (G) 120 (L)	415/240 (A)(3) 208/120 (A)	(9)
BAHRAIN	50 & 60	400/230 (A) 230 (L)	400/230 (A) 380/220 (A)	11kV 400/230 (A)	± 6

国名	周波数 및 許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
BANGLADESH	50±4	110(L) 400/230(A) 230(L)	230(L) 220/110(K) 11kV 400/230(A)	380/220(A) 11kV 400/230(A)	± 5
BARBADOS	50±0.4	230/115(G)(K) 200/115(A)(E)	230/115(G)(K) 200/115(A)(E)	11kV 3.3kV 230/115(G) 200/115(A)	± 6
BELGIUM	50±3	380/220(A) 220/127(A) 220(F)	380/220(A) 220/127(A) 220(F)	15kV 6kV 380/220(A) 220/127(A) 220(F)	± 5 (day) ±10 (night)
BELIZE	60±0.1	220/110(K)	220/110(K)	440/220(K)(3)	(9)
BERMUDA	60±0.1	240/120(K) 208/120(A)	240/120(K) 208/120(A)	4.16/2.4kV 208/120(A) 240/120(K)	± 5
BOLIVIA	50±1	230/115(H)	230/115(H)	230/115(H)(3)	± 5
BOTSWANA	50	220(L)(1)	380/220(A)	380/230(A)(3)	(9)
BRAZIL	60	220(L)(1) 127(L)(1)	380/220(A) 220/127(A)	13.8kV 11.2kV 380/220(A) 220/127(A)	(9)
BULGARIA	50±0.1	380/220(A) 220 L)	380/220(A) 220(L)	20kV 15kV 380/220(A)	± 5
BURMA	50	230(L)(1)	400/230(A) 230(L)	11kV 6.6kV 400/230(A)	(9)
CAMBODIA	50	208/120(A) 120(L)	380/220(A) 208/120(A)	380/220(A)(3) 208/120(A)	(9)
CAMEROON (FR)	50±2	220(L)(1)	380/220(A)	15kV 380/220(A)	± 5
CANADA	60±0.02	240/120(K)	600/347(A) 480(F)	12.5/7.2kV 600/347(A)	± 4 -8.3

国名	周波数及許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
CAYMAN ISLANDS	60±0.1	240/120 (K)	240 (F) 240/120 (K) 208/120 (A) 240/120 (K) (G)	208/120 (A) 600 (F) 480 (F) 240 (F) 480/240 (G) 480/227 (A) 240/120 (G) 208/120 (A)	±10
CHAD	50	220 (L)(1)	220 (L)(1)	380/220 (A)(3)	(9)
CHILE	50	220 (L)(1)	380/220 (A)(1)	380/220 (A)(3)	(9)
CHINA (PR)	50	220 (L)(1)	380/220 (A)	380/220 (A)(3)	±7
COLOMBIA	60±1	240/120 (G)	240/120 (G)	13.2kV	±10
COSTA RICA	60	120 (L) 120 (L)(1)	120 (L) 240/120 (K)	240/120 (G) 240/120 (G)(3)	(9)
CYPRUS	50±2.5	240 (L)(1)	120 (L)(1) 240 (L)(1)	11kV	±6
CZECHOSLOVAKIA	50±0.1	380/220 (A) 220 (L)	380/220 (A) 220 (L)	115/240 (A) 22kV 15kV 6kV 3kV 380/220 (A)	±10
DENMARK	50±0.4	380/220 (A) 220 (L)	380/220 (A) 220 (L)	30kV 10kV 380/220 (A)	±10
DAHOMEY	50±1	380/220 (A) 220 (L)	380/220 (A) 220 (L)	15kV 380/220 (A)	±10
DOMINICA	50	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
DOMINICAN REPUBLIC	60	110 (L)(1)	220/110 (K)(1) 110 (L)	220/110 (G)(3)	(9)
ECUADOR	60	127 (L)(1) 120 (L)(1) 110 (L)	240/120 (K) 208/120 (A) 220/127 (A)	240/120 (K) 208/120 (A) 220/127 (A)	(9)
EGYPT (AR)	50±1	380/220 (A) 220 (L)	220/110 (K) 380/220 (A) 220 (L)	220/110 (K) 11kV 6.6kV	±10

国名	周波数 및 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
EL SALVADOR	60±1	240/120 (K)	240/120 (K) (G)	380/220 (A) 14. 4kV 2. 4kV 240/210 (G)	± 5
ETHIOPIA	50	220 (L)(1)	380/220 (A)	380/220 (A)(3)	(9)
FALKLAND	50±3	230 (L)(1)	415/230 (A)	415/230 (A)(3)	± 2. 5
FIJI ISLANDS	50±1	415/240 (A)	415/240 (A)	11kV	(9)
		240 (L)	240 (L)	415/240 (A)	
FINLAND	50±0. 1	220 (L)(1)	380/220 (A)	680/380 (A) 500 (B) 380/220 (A) (D)	± 10
FRANCE	50±1	380/220 (A) 220 (L) 220/127 (E) 127 (L)	380/220 (A) 380/220 (D) 380 (B)	20kV 15kV 380 (B) 380/220 (A) (D)	± 10
GAMBIA	50	230 (A)(1)	230 (A)(1)	400/230 (A)(3)	± 5 (1)
GERMANY FEDERAL REPUBLIC OF	50±0. 3	380/220 (A) 220 (L)	380/220 (A) 220 (L)	20kV 10kV 380/220 (A)	± 10
GERMAN DEMOCRATIC REPUBLIC	50±0. 3	380/220 (A) 220 (L) 220/127 (A) 127 (L)	380/220 (A) 220 (L)	10kV 6kV 660/380 (A) 380/220 (A)	± 5
GHANA	50±5	250 (L)(1)	250 (L)(1)	440/250 (A)(3)	± 10
GIBRALTAR	50±1	415/240 (A)	415/240 (A)	415/240 (A)(3)	± 6
GREECE	50±1	220 (L)(1)	6. 6kV 380/220 (A)	22kV 20kV 15kV 6. 6kV 380/220 (A)	± 5
GRENADA	50	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
GUADELOUPE	50 & 60	220 (L)(1)	380/220 (A)	20kV 380/220 (A)	(9)
GUAM (Mariana Islands)	60+1 -0. 08	240/120 (K) 208/120 (A)	240/120 (K) 208/120 (A)	13. 8kV 4. 0kV	+ 8. -10

国名	周波数及許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
		240(L) 120(L)		480/227(A) 480(D) 240/120(H) 208/120(A)	
GUATEMALA	60±1.7	240/120(K)	240/(120(K)	13.8kV 240/120(G)	±10
HAITI	60	230(L)(1) 220(L)(1) 115(L)	380/220(A) 230/115(K) 220(L)	380/220(A) 230/115(G)	(9)
HONDURAS	60	110(L)	220/110(K) 110(L)	220/110(K)(3)	(9)
HONG KONG (and Kowloon)	50±2	346/200(A) 200(L)(1)	11kV 346/200(A) 380/220(A) 200(L)	11kV 346/200(A) 380/220(A)(3)	±6
HUNGARY	50±2	380/220(A) 220(L)	380/220(A) 220(L)	20kV 10kV 380/220(A)	+5, 10
ICELAND	50±0.1	380/220(A) 220(L)	380/220(A) 220(L)	320/220(A)(3)	(9)
INDIA(4)					
Bombay	50±1	440/250(A) 230(L)	440/250(A) 230(L)	11kV 440/250(A)	±4
New Delhi	50±3	400/230(A) 230(L)	400/230(A) 230(L)	11kV 400/230(A)	±6
Ramakrishnapuram (2)	50±3 25	400/230(A) 230(L)	400/230(A) 230(L)	22kV & 11kV (9)	±6
d. c.		460/230(P)	460/230(P)	(9)	
INDONESIA	50+1 -2	220/127(A)	380/220(A) 220/127(A)	380/220(A)(3)	±5
IRAN	50±5	220(L)(1)	380/220(A)	20kV 11kV 400/231(A) 380/220(A)	±15
IRAQ	50	220(L)(1)	380/220(A)	11kV	±5

国名	周波数 및 許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
IRELAND NORTHERN	50±0.4	230(L)(1) 220(L)(1)	400/230(A) 380/220(A)	6.6kV 3kV 380/220(A) 400/230(A)(3) 380/220(A)	±6
IRELAND REPUBLIC OF	50	220(L)(1)	380/220(A)	10kV 380/220(A)	(9)
ISRAEL	50±0.2	400/230(A) 230(L)	400/230(A) 230(L)	22kV 12.6kV	±6
ITALY	50±0.4	380/220(A) 220/127(E) 220(L)	380/220(A) 220/127(E)	6.3kV 400/230(A) 20kV 15kV 10kV 380/220(A) 220(C)	±5(urban) ±10(rural)
IVORY COAST	50	220(L)(1)	380/220(A)	380/220(A)(3)	(9)
JAMAICA	50±1	220/110(G)(K)	220/110(G)(K)	4/2.3kV 220/110(G)	±6
JAPAN(EAST)(4)	50±0.2 (5)	200/100(K) 100(L)	200/100(H)(K)	6.6kV 200/100(H) 200(G)(J)	±10
JAPAN(WEST)(4)	60±0.1 (5)	210/105(K) 200/100(K) 100(L)	210/105(H)(K) 200/100(K) 100(L)	22kV 6.6kV 210/105(H) 200/100(H)	±10
JORDAN	50	380/220(A) 220(L)	380/220(A)	380/220(A)(3)	(9)
KENYA	50	240(L)(1)	415/240(A)	415/240(A)(3)	(9)
KOREA, NORTH	60+0 -5	220(L)	380/220(A)	380/220(A)	+6.8 ⁽¹⁰⁾ -13.6
KOREA	60	100(L)	200/100(K)	(9)	(9)
KUWAIT	50	240(L)(1)	415/240(A)	415/240(A)(3)	(9)
LAOS	50±8	380/220(A)	380/220(A)	380/220(A)(3)	±6
LEBANON	50	220(L)(1)	380/220(A)	380/220(A)(3)	(9)

國名	周波数 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
LESOTHO LIBERIA	50	110(L)(1)	220(L)	190/110(A)	(9)
	60±3.3	220(L)(1)	190/110A 110(L)	380/220(A)(3)	
LIBYA	50	240/120(K)	380/220(A)	12.5/7.2kV	±1.7
		230(L)(1)	240/120(K)	416/240(B)	
LUXEMBOURG	50±0.5	127(L)(1)	400/230(A)	240/120(K)	(9)
		380/220(A)	220/127(A)	208/120(D)	
MALAGASY REPUBLIC	50±2	220(L)(1)	220/127(A)	400/230(A)(3)	± 3
		127(L)(1)	230(L)	220/127(A)	
MALAWI MALAYSIA	50	380/220(A)	127(L)	20kV	± 5 and ± 10
		220/127(A)	380/220(A)	15kV	
MALI	50±1.0	208/120(A)	220/127(A)	5kV	± 3
		220(L)(1)	380/220(A)	5kV	
MALTA	50	127(L)(1)	220/127(A)	380/220(A)	(9)
		240(L)(1)	400/230(A)	220/127(A)	
MARTINIQUE	50±1	240(L)(1)	415/240(A)	400/230(A)(3)	(9)
		127(L)(1)	220(L)	415/240(A)	
MAURITIUS MONACO	50±1.0	415/240(A)	11kV	6.6kV	(9)
		127(L)(1)	415/240(A)	3.3kV	
MONACO	50	220(L)	220/127(A)	415/240(A)	(9)
		220/127(A)	127(L)	220/127(A)(3)	
MONACO	50	220(L)	400/230(A)	400/230(A)(3)	± 6
		220/127(A)	380/220(A)	380/220(A)(3)	
MONACO	50	127(L)	220(L)	380/220(A)(3)	(9)
		220/127(A)	220(L)	380/220(A)(3)	

国名	周波数誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
MONTERRAT	60	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
MOROCCO	50	220/127 (A) 200/115 (A)	380/220 (A)	380/220 (A)(3)	(9)
NEPAL	50±1	220 (L)(1)	400/220 (A) 220 (L)	11kV 400/220 (A)	±10
NETHERLANDS	50±0.4	380/220 (A) 220 (E) (L)	380/220 (A)	10kV 3kV 380/220 (A)	±6
NETHERLANDS ANTILLES	50 & 60	220 (L)(1) 127 (L)(1) 120 (L)(1) 115 (L)(1)	380/220 (A) 230/115 (K) 220/127 (A) 208/120 (A)	380/220 (A)(3) 230/115 (G) 220/127 (A) 209/120 (A)	(9)
NEW GUINEA	50±2	240 (L)(1)	415/240 (A) 240 (L)	22kV 11kV 415/240 (A)	±5
NEW ZEALAND	50±1.5	408/230 (A) (E) 230 (L) 240 (L)	415/240 (A) (E) 400/230 (A) (E) 230 (L) 240 (L)	11kV 400/230 (A) 415/240 (A) 440 (N)(6)	±5
NICARAGUA	60	240/120 (G) (K)	240/120 (G) (K)	13.2kV 7.6kV 240/120 (G)	(9)
NIGERIA	50±1	230 (L)(1) 220 (L)(1)	400/230 (A) 380/220 (A)	15kV 11kV 400/230 (A) 380/220 (A)	±5
Detroit (Michigan)	60±0.2	240/120 (K) 208/120 (A)	480 (F) 240/120 (H) 208/120 (A)	13.2kV 4.8kV 4.16kV 480 (F) 240/120 (H) 208/120 (A)	+4, -5.6
Los Angeles (California)	60±0.2	240/120 (K)	4.8kV 240/120 (G)	4.8kV 240/120 (G)	±5
Miami (Florida)	60±0.3	240/120 (K) 208/120 (A)	240/120 (K) 240/120 (H)	13.2kV 2.4kV	±5

国名	周波数 誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
New York (New York)	60	240/120 (K) 208/120 (A)	208/120 (A) 240/120 (K) 208/120 (A) 240 (F)	480/277 (A) 240/120 (H) 12.47kV 4.16kV 480/277 (A) 480 (F)	(9)
Pittsburgh (Pennsylvania)	60±0.03	240/120 (K)	460/265 (A) 240/120 (K) 208/120 (A) 480 (F) 230 (F)	13.2kV 11.5kV 2.4kV 480/265 (A) 208/120 (A) 480 (F) 230 (F)	±5 (Lighting) ±10 (Power)
Portland (Oregon)	60	240/120 (K)	480/277 (A) 240/120 (K) 208/120 (A) 480 (F) 240 (F)	19.9kV 12kV 7.2kV 2.4kV 480/277 (A) 208/120 (A) 480 (F) 240 (F)	(9)
NIGER	50±1	220 (L)(1)	380/220 (A)	15kV 380/220 (A)	±2.5
NORWAY	50±0.2	230 (B)	380/220 (A) 230 (B)	20kV 10kV 5kV 380/220 (A) 230 (B)	±10
OMAN (Muscat)	50	240 (L)(1)	415/240 (A) 240 (L)	415/240 (A)(3)	(9)
PAKISTAN	50	230 (L)(1)	400/230 (A) 230 (L)	400/230 (A)(3)	(9)
PANAMA	60±0.17	240/120 (K)	480/277 (A) 240/120 (K)	12kV 480/277 (A) 208/120 (A)	±5

国名	周波数 및 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
PARAGUAY	50	220 (L)(1)	440/220 (K) 380/220 (A)	440/220 (G)(3) 380/220 (A)	(9)
PERU	60	225 (G) (M)	225 (G) (M)	10kV 6 kV 225 (B)	(9)
PHILIPPINES	50±0.16	220/110 (K)	13.8kV 4.16kV 2.4kV 220/110 (H)	13.8kV 4.16kV 2.4kV 440V(B) 220/110 (H)	± 5
Manila (Metropolitan area)	60±5	240/120 (H) (K) 240/120 (H)	240/120 (H) (K) 240/120 (H)	20kV 6.24kV 3.6kV 240/120 (H)	± 5
POLAND	50±1	220 (L)(1)	380/220 (A)	15kV 6kV 380/220 (A)	± 5
PORTUGAL	50±1	380/220 (A) 220 (L)	15kV 5kV 380/220 (A) 220 (L)	15kV 5kV 380/220 (A)	± 5
PUERTO RICO	60±10	240/120 (L)	480 (F) 240/120 (L)	8.32kV 4.16kV 480 (F)	±10
QATAR	50	240 (L)(1)	415/240 (A) 240 (L)	415/240 (A)(3)	± 6
RHODESIA	50±2.5	225 (L)(1)	390/225 (A)	11kV 390/225 (A)	±6.6
RUMANIA	50±1	220 (L)(1)	380/220 (L)	20kV 10kV 6kV 380/220 (A)	± 5
RWANDA	50±1	220 (L)(1)	380/220 (A)	15kV 6.6kV 380/220 (A)	± 9

国名	周波数 및 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
SABAH	50±0.5	240 (L)(1)	415/240 (A)	415/240 (A)(3)	± 6
SAUDI ARABIA	60±0.5	220/127 (A)	380/220 (A)	380/220 (A)(3)	± 5
	50±0.5	127 (L)	220/127 (A)	220/127 (A)	
SENEGAL	50	127 (L)(1)	127 (L)	220/127 (A)(3)	(9)
			220/127 (A)		
SIERRA LEONE	50	230 (L)(1)	400/230 (A)	11k V	(9)
SINGAPORE	50±0.5	400/230 (A)	230 (L)	400/230 (A)	± 3
		230 (L)	6.6kV	22kV	
SOMALI	50	230 (L)	440/220 (K)	440/220 (G)(3)	(9)
		220 (L)	220/110 (K)	220/110 (G)	
SOUTH AFRICA	50±2.5 25 (8)	110 (L)(1)	230 (L)	400/230 (A)	± 5
		433/250 (A)(7)	11kV		
		400/230 (A)(7)	6.6kV		
		380/220 (A)	3.3kV		
SPAIN	50±3	220 (L)	433/250 (A)(7)	500 (B)	± 7
		220/127 (A) (E)	400/230 (A)(7)	380/220 (A)	
		127 (L)	380/220 (A)	15kV	
		220 (L)	380/220 (A)	11kV	
SRILANKA (Ceylon)	50±2	230 (L)(1)	400/230 (A)	11kV	± 6
			230 (L)	400/230 (A)	
ST. KITTS NEVIS	60	230 (L)(1)	400/230 (A)	400/230 (A)(3)	(9)
ST. LUCIA	50	240 (L)(1)	415/240 (A)	11kV	(9)
ST. VINCENT	50	230 (L)(1)	400/230 (A)	415/240 (A)	(9)
				3.3kV	
SUDAN	50	240 (L)(1)	415/240 (A)	400/230 (A)	(9)
				415/240 (A)(3)	
SURINAM	50 & 60	115 (L)	240 (L)	230/115 (G)(3)	(9)
		127 (L)(1)	230/115 (K)	220/127 (A)	
			220/110 (K)	220/110 (G)	

国名	周波数 및 許容誤差(Hz, %)	家庭用電圧(V)	商業用電圧(V)	産業用電圧(V)	電圧許容誤差(%)
SWAZILAND	5.0±2.5	230(L)(1)	400/230(A) 230(L)	11kV 400/230(A)	±6
SWEDEN	50±0.2	380/220(A) 220(L)	380/220(A) 220(L)	20kV 10kV 6kV 380/220(A)	±10
SWITZERLAND	50±0.5	380/220(A) 220(L)	380/220(A) 220(L)	16kV 11kV 6kV 380/220(A)	±10
SYRIA	50	220(L)(1) 115(L)(1)	380/220(A) 220(L) 200/115(A) 115(L)	380/220(A)(3) 200/115(A)	(9)
TAIWAN (FORMOSA)	60±4	380/220(A) 220(L) 220/110(K) 110(L)	380/220(A) 220/110(H)	22.8kV 11.4kV 380/220(A) 220(H)	±5 and ±10
TANZANIA	50	400/230(A)	400/230(A)	11kV 400/230(A)	(9)
THAILAND	50	220(L)(1)	380/220(A) 220(L)	380/220(A)(3)	(9)
TOGO	50	220(L)(1)	380/220(A)	20kV 5.5kV 380/220(A)	(9)
TONGA	50	415/240(A) 240(L) 110(L)	415/240(A) 240(L) 110(L)	11kV 6.6kV 415/240(A)	(9)
TRINIDAD & TOBAGO	60±0.5	230/115(K)	400/230(A) 230/115(G)	12kV 400/230(A)	±6
TUNISIA	50±2	380/220(A) 220(L)	380/220(A) 220(L)	15kV 10kV 380/220(A)	±10
TURKEY	50±2	220(L)(1)	390/220(A)	15kV 6.3kV 380/220(A)	±10

国名	周波数 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
UGANDA	50±0.1	240 (L)(1)	415/240 (A)	11kV 415/240 (A)	±4.5
UNITED ARAB EMIRATES					
Dubai	50±0.5	220 (L)(1)	380/220 (A) 220 (L)	6.6kV 380/220 (A)	± 2 and ± 3
Ajman	50	230 (L)(1)	400/230 (A)	11kV	(9)
Abu Dhabi	50	415/240 (A)	415/240 (A)	415/240 (A) (3)	(9)
UNITED KINGDOM (excluding Northern Ireland)	50±1	240 (L)(1)	415/240 (A)	22kV 11kV 6.6kV 3.3kV 415/240 (A)	± 6
URUGUAY	50±1	220 (B) (L)	220 (B) (L)	15kV 6kV 220 (B)	± 6
USA(4) Charlotte (North Carolina)	60±0.06	240/120 (K) 208/120 (A)	460/285 (A) 240/120 (K) 208/120 (A)	14.4kV 7.2kV 2.4kV 575 (F) 460 (F) 240 (F) 480/265 (A) 240/120 (K) 208/120 (A)	+ 5, -2.5
San Francisco (California)	60±0.08	240/120 (K)	480/277 (A) 240/120 (K)	20.8kV 12kV 4.16kV 480/277 (A) 240/120 (G)	± 5
Toledo (Ohio)	60±0.08	240/120 (K) 208/120 (A)	480/277 (C) 240/120 (H) 208/120 (K)	12.47kV 7.2kV 4.8kV 4.16kV 480 (F)	± 5

国名	周波数 許容誤差 (Hz, %)	家庭用電圧 (V)	商業用電圧 (V)	産業用電圧 (V)	電圧許容誤差 (%)
USSR	50	380/220 (A) 220 (L) 220/127 (A) 127 (L)	380/220 (A) 220 (L)	480/277 (A) 208/120 (A) 380/220 (A)(3)	(9)
VENEZUELA	60	240/120 (G) 208/120 (A)	240/120 (G) 208/120 (A)	13. 8kG 12. 47kG 4. 8kV 4. 16kV 2. 4kV 240/120 (G) 208/120 (A)	(9)
VIET-NAM	50±0.1	220 (L)(1) 120 (L)(1)	380/220 (A) 208/120 (A)	15kV 380/220 (A)	±10
WESTERN SAMOA Independent State of Western Samoa	50	400/230	(9)	(9)	(10)
YEMEN Yeman Arab Republic	50	220	(9)	(9)	(10)
YEMEN	50±1	250 (L)(1)	440/250 (A)	440/250 (A)(3)	±4
YUGOSLAVIA	50	380/220 (A) 220 (L)	380/220 (A) 220 (L)	10kV 6. 6kV 380/220 (A)	(9)
ZAIRE	50	220 (L) (1)	380/220 (A)	380/220 (A)(3)	(9)
ZAMBIA	50±2.5	230 (L) (1)	400/230 (A)	400/230 (A)(3)	±3.75