

AC220V输入, 采样电阻: 2豪欧								输出频率		
功率(W)	电压(V)	电流(A)=P/V	分压电阻(R)=470K*4	分压电阻系数=1K/(470K*4)	采样电阻(R)	电压输入信号(V)=V*1K/(470K*4)	电流输入信号(V)=I*R	F(功率)HZ	F(电压)HZ	F(电流)HZ
3600	220	16.36363636	1880	0.000531915	0.002	0.117021277	0.032727273	870.4725214	673.2560908	2259.469697
2500	220	11.36363636	1880	0.000531915	0.002	0.117021277	0.022727273	604.4948065	673.2560908	1569.076178
1000	220	4.545454545	1880	0.000531915	0.002	0.117021277	0.009090909	241.7979226	673.2560908	627.6304714
500	220	2.272727273	1880	0.000531915	0.002	0.117021277	0.004545455	120.9898613	673.2560908	313.8152357
326	240	1.358333333	1530	0.000653595	0.002	0.156862745	0.002716667	96.85824236	902.4751876	187.5569059
50	220	0.227272727	1880	0.000531915	0.002	0.117021277	0.000454545	12.08989613	673.2560908	31.38152357
20	220	0.090909091	1880	0.000531915	0.002	0.117021277	0.000181818	4.835958452	673.2560908	12.55260943
15	220	0.068181818	1880	0.000531915	0.002	0.117021277	0.000136364	3.626968839	673.2560908	9.414457071
10	220	0.045454545	1880	0.000531915	0.002	0.117021277	9.09091E-05	2.417979226	673.2560908	6.276304714
2	220	0.009090909	1880	0.000531915	0.002	0.117021277	1.81818E-05	0.483595845	673.2560908	1.255260943
1	220	0.004545455	1880	0.000531915	0.002	0.117021277	9.09091E-06	0.241797923	673.2560908	0.627630471
0.8	220	0.003636364	1880	0.000531915	0.002	0.117021277	7.27273E-06	0.193438338	673.2560908	0.502104377
0.5	220	0.002272727	1000	0.001	0.002	0.22	4.54545E-06	0.227290047	1265.721451	0.313815236
0.3	220	0.001363636	1880	0.000531915	0.002	0.117021277	2.72727E-06	0.072539377	673.2560908	0.188289141
0.1	220	0.000454545	1880	0.000531915	0.002	0.117021277	9.09091E-07	0.024179792	673.2560908	0.062763047

AC220V输入, 采样电阻: 5毫欧								输出频率		
功率(W)	电压(V)	电流(A)=P/V	分压电阻(K)=470K*4	分压电阻系数=1K/(470K*4)	采样电阻(R)	电压输入信号(V)	电流输入信号(V)=I*R	F(功率)HZ	F(电压)HZ	F(电流)HZ
3600	220	16.36363636	1880	0.000531915	0.005	0.117021277	电流信号溢出MAX=43mV	#VALUE!	673.2560908	#VALUE!
2000	220	9.090909091	1880	0.000531915	0.005	0.117021277	电流信号溢出MAX=43mV	#VALUE!	673.2560908	#VALUE!
1800	220	8.181818182	1880	0.000531915	0.005	0.117021277	0.040909091	1088.090652	673.2560908	2824.337121
500	220	2.272727273	1880	0.000531915	0.005	0.117021277	0.011363636	302.2474033	673.2560908	784.5380892
100	220	0.454545455	1880	0.000531915	0.005	0.117021277	0.002272727	60.44948065	673.2560908	156.9076178
50	220	0.227272727	1880	0.000531915	0.005	0.117021277	0.001136364	30.22474033	673.2560908	78.45380892
20	220	0.090909091	1880	0.000531915	0.005	0.117021277	0.000454545	12.08989613	673.2560908	31.38152357
10	220	0.045454545	1880	0.000531915	0.005	0.117021277	0.000227273	6.044948065	673.2560908	15.69076178
8	220	0.036363636	1880	0.000531915	0.005	0.117021277	0.000181818	4.835958452	673.2560908	12.55260943
2	220	0.009090909	1880	0.000531915	0.005	0.117021277	4.54545E-05	1.208989613	673.2560908	3.138152357
1	220	0.004545455	1880	0.000531915	0.005	0.117021277	2.27273E-05	0.604494807	673.2560908	1.569076178
0.8	220	0.003636364	1880	0.000531915	0.005	0.117021277	1.81818E-05	0.483595845	673.2560908	1.255260943
0.5	220	0.002272727	1880	0.000531915	0.005	0.117021277	1.3636E-05	0.302247403	673.2560908	0.784538089
0.3	220	0.001363636	1880	0.000531915	0.005	0.117021277	6.81818E-06	0.181348442	673.2560908	0.470722854
0.1	220	0.000454545	1880	0.000531915	0.005	0.117021277	2.27273E-06	0.060449481	673.2560908	0.156907618

AC110V输入, 采样电阻: 2豪欧								输出频率		
功率(W)	电压(V)	电流(A)=P/V	分压电阻(K)=470K*4	分压电阻系数=1K/(470K*4)	采样电阻(R)	电压输入信号(V)	电流输入信号(V)=I*R	F(功率) HZ	F(电压) HZ	F(电流) HZ
2200	110	20	1880	0.000531915	0.002	0.058510638	0.04	531.9554297	336.6280454	2761.574074
1000	110	9.090909091	1880	0.000531915	0.002	0.058510638	0.018181818	241.7979226	336.6280454	1255.260943
500	110	4.545454545	1880	0.000531915	0.002	0.058510638	0.009090909	120.8989613	336.6280454	627.6304714
100	110	0.909090909	1880	0.000531915	0.002	0.058510638	0.001818182	24.17979226	336.6280454	125.5260943
50	110	0.454545455	1880	0.000531915	0.002	0.058510638	0.000909091	12.08989613	336.6280454	62.76304714
20	110	0.181818182	1880	0.000531915	0.002	0.058510638	0.000363636	4.835958452	336.6280454	25.10521886
10	110	0.090909091	1880	0.000531915	0.002	0.058510638	0.000181818	2.417979226	336.6280454	12.55260943
5	110	0.045454545	1880	0.000531915	0.002	0.058510638	9.09091E-05	1.208989613	336.6280454	6.276304714
2	110	0.018181818	1880	0.000531915	0.002	0.058510638	3.63636E-05	0.483595845	336.6280454	2.510521886
1	110	0.009090909	1880	0.000531915	0.002	0.058510638	1.81818E-05	0.241797923	336.6280454	1.255260943
0.8	110	0.007272727	1880	0.000531915	0.002	0.058510638	1.45455E-05	0.193438338	336.6280454	1.004208754
0.5	110	0.004545455	1880	0.000531915	0.002	0.058510638	9.09091E-06	0.120898961	336.6280454	0.627630471
0.2	110	0.001818182	1880	0.000531915	0.002	0.058510638	3.63636E-06	0.048359585	336.6280454	0.251052189
0.1	110	0.000909091	1880	0.000531915	0.002	0.058510638	1.81818E-06	0.024179792	336.6280454	0.125526094

NOTE:

- 1、功率、电压、电流的输出频率是根据公式计算出来的参考值, 根据采样电路不同, 输出频率值不同, 此表格数据仅供参考;
- 2、HLW8012电压输入信号: $V = 220V * (1K / (470K * 4))$; 470K为原理图中采样电路的采样电阻中;
- 3、HLW8012电流输入信号: $V = I(\text{电流}) * R(\text{采样电阻})$; R为0.002欧或0.005欧;
- 4、因采样外围器件不同, HLW8012内置晶振的偏差, 实际输出频率和参考频率值会有所偏差, 但输入负载的功率(电压或电流)和输出频率一定是成比例变化;
- 5、请参考HLW812 P、V、I、E、PF计算说明。