

## PF9816S 数字功率计

### PF9816S Digital Power Meter

PF9816S是一款多功能、经济型的单相交直流数字功率计，具备0.2级功率测量精度，可以实现DC、0.5Hz-10kHz频率和最低25 A电流测量，最高功率测量分辨率1 W，非常适合待机功耗的测量，满足六级能效测试要求。除基本电参数测量外，同时具备谐波测量、电能量积分、滤波等功能。配专用 用软件，快速设置测量参数，能显示、存储、调用测量数据，能显示电压、电流波形和谐波频谱。特别适合高精度产线测试及系统集成。

PF9816S is a multi-functional and economical single AC digital power meter with power measurement accuracy of 0.2 level, which can realize DC, 0.5Hz-10kHz frequency and minimum 25 A current measurement, with the highest power measurement resolution of 1 W, is very suitable for the measurement of standby power consumption, meeting the requirements of the sixth level energy efficiency test. In addition to the measurement of basic electrical parameters, it also has the functions of harmonic measurement, electrical energy integration, filtering, etc. It is equipped with special application software to quickly set measurement parameters, display, store and call measurement data, and display voltage, current waveform and harmonic spectrum. It is especially suitable for high-precision production line testing and system integration.



## 技术参数 Specifications

项 目	参 数	
输入量程 (RMS)	电压 (V)	电流 (A)
	直接输入: CF=3: 15V/30V/60V/ 150V/300V/600V CF=6: 7.5V/15V/30V/ 75V/150V/300V	直接输入: CF=3: 5mA/10mA/20mA/50mA/100mA/200 mA/0.5A/1A/2A/5A/10A/20A CF=6: 2.5mA/5mA/10mA/25mA/50mA/100 mA/0.25A/0.5A/1A/2.5A/5A/10A
		外部输入: CF=3: 2.5V/5V/10V CF=6: 1.25V/2.5V/5V
频率范围	DC, AC: 0.5Hz~10kHz	
滤波器	线路滤波: 可选择 OFF、500Hz 或 5kHz	
	频率滤波: 可选择 OFF、500Hz 或 5kHz	
数据显示刷新率	0.1s、0.25s、0.5s、1s、2s、5s	
测量同步源	可选择信号的电压、电流或数据更新周期的整个区间作为测量时的同步源	
测量精度	电压 (V) / 电流 (A)	有功功率 (W)
	DC	
	0.1%读数+0.2%量程	0.1%读数+0.2%量程
	0.5Hz~45Hz	
	0.1%读数+0.2%量程	0.3%读数+0.2%量程
	45Hz~65Hz	
	0.1%读数+0.1%量程	0.1%读数+0.1%量程
	65Hz~1kHz	
	0.1%读数+0.2%量程	0.2%读数+0.2%量程
	1kHz~10kHz	
	(0.2×f)%读数+0.3%量程	(0.2×f)%读数+0.3%量程