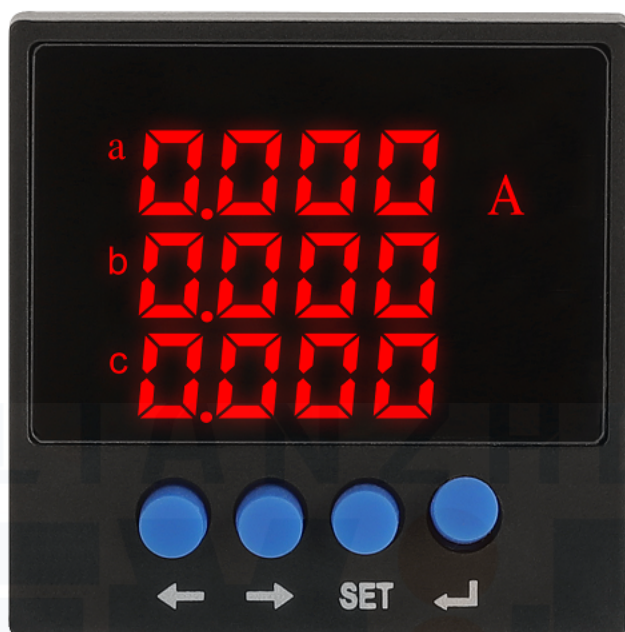


## 一、概述

SKPY80-AV3三相数显电压表是一种可编程智能仪表，采用大规模集成电路和亮度、长寿命更长的LED显示，应用数字采样技术，对三相电气线路中的相电压、线电压进行实时测量、显示和控制，并通过RS485接口或模拟量变送输出接口对被测量电压数据进行远传。



## 特点

- ◎真有效值测量、整四位LED/LCD显示
- ◎软件调校、内部无电位器(精度高、稳定性好、长期工作免调校)
- ◎可编程通过面板按键任意调节显示值1~9999

◎可选带通讯功能◎可选一路模拟量输出(DC4-20MA/0-20MA/0-5V)  
 ◎可选带上下限报警控制功能◎可选两路开关量输入

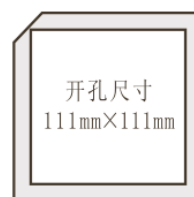
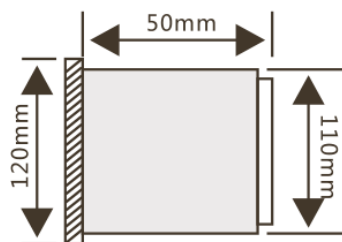
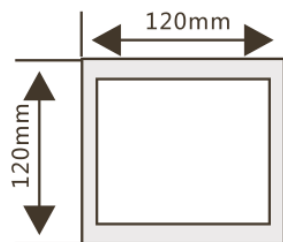
## 二、技术参数与选型

|           |       |                                |
|-----------|-------|--------------------------------|
| 输入        | 输入    | 电压、电流:请根据实际仪表上面的标称值接入          |
|           | 过载    | 持续1.2倍，瞬时:电压2倍/1S 电流10倍/5S     |
|           | 扩展    | 配互感器或分流器扩展量程                   |
|           | 过量程显示 | 当前数据+N*9999                    |
|           | 频率    | 50Hz±10%                       |
| 电源        | 电源    | AC220V±10%(45~55Hz)(其它电源订货须说明) |
|           | 功耗    | <2W                            |
| 显示        | LED   | 四位三排，显示数据更新时间: 1S              |
|           | 显示    | 9999                           |
| 精度等级      |       | 0.5%                           |
| 隔离耐压      |       | 2KV/50Hz/1min                  |
| 绝缘电阻      |       | ≥100MΩ                         |
| 平均无故障工作时间 |       | ≥50000h                        |
| 工作条件      |       | 环境温度: -25C 55C，相对湿度≤93%无腐蚀气体场所 |
| 海拔高度      |       | ≤2500m                         |

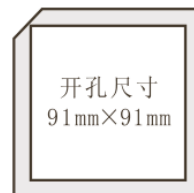
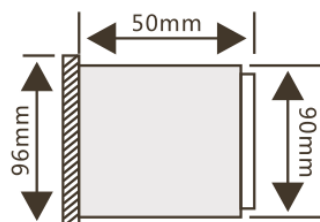
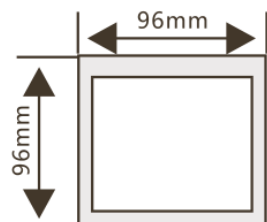
选型表

## 三、外形及安装尺寸

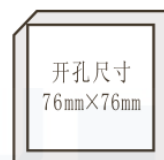
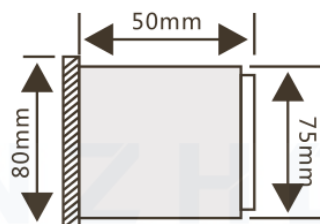
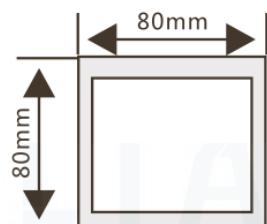
◆ 120mm×120mm



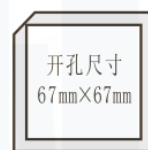
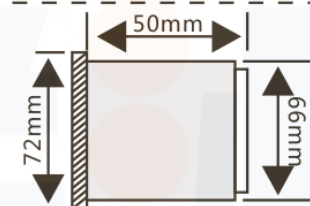
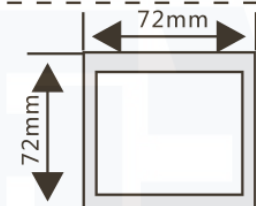
◆ 96mm×96mm



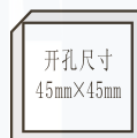
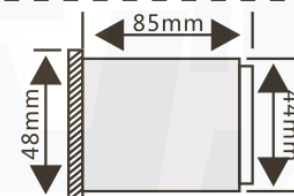
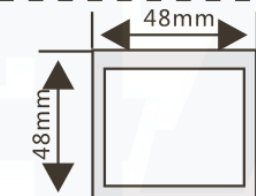
◆ 80mm×80mm



◆ 72mm×72mm

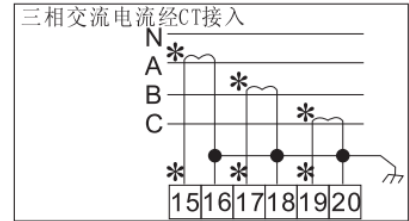
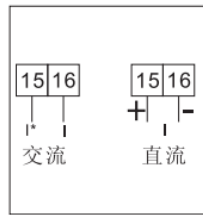
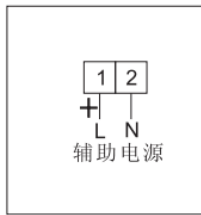


◆ 48mm×48mm

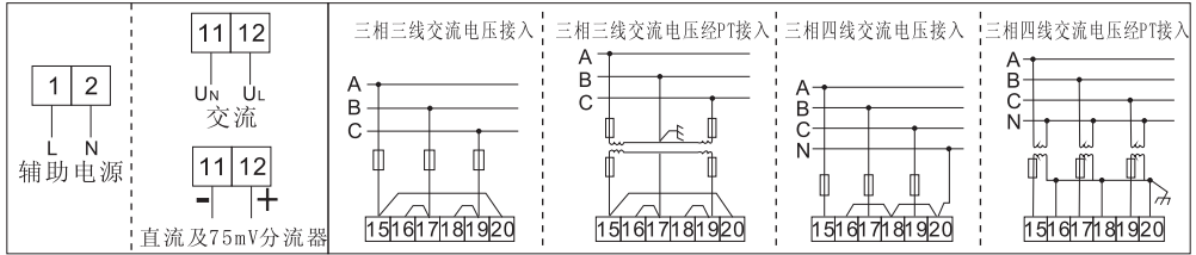


#### 四、接线示意图

◆ 输入电流信号接线



◆ 输入电压信号接线



◆ 扩展功能接线.



## 五、参数设置流程示意图

Figure 1-1: Setting menu flowchart. The flowchart illustrates the navigation through various settings menus across three levels (第一级, 第二级, 第三级).

**Level 1 (第一级):**

- Menu
- Code
- SER

**Level 2 (第二级):**

- InPr (Input)
  - nEr (Signal Network)
  - UScL (Voltage Range)
  - IScL (Current Range)
  - r. U (Voltage Multiplier Range)
  - r. I (Current Multiplier Range)
- Conn (Communication)
  - Sn (Instrument Communication Address Range)
  - bAUD (Baud Rate)
  - dAtA (Protocol Format)
  - Pr.oF (Protocol Format)
- do-1 (Switch Quantity)
- Ro-1 (Analog Quantity)

**Level 3 (第三级):**

- InPr
  - nEr (Signal Network)
  - UScL (Voltage Range)
  - IScL (Current Range)
  - r. U (Voltage Multiplier Range)
  - r. I (Current Multiplier Range)
- Conn
  - Sn (Instrument Communication Address Range)
  - bAUD (Baud Rate)
  - dAtA (Protocol Format)
  - Pr.oF (Protocol Format)
- do-1 (Switch Quantity)
- Ro-1 (Analog Quantity)
- Code
  - oLd
  - n-1
  - n-2

**Instructions:**

- 退出菜单设定, 出现SAVG YES时, 按 键为保存退出, 按 退出无效。
- 注: 退出菜单设定, 出现SAVG YES时, 按 键为保存退出, 按 退出无效。