



**Power Systems, Inc.**

**53710 PROGRAMMABLE DC ELECTRONIC LOAD**  
**53711**



**Programmable output**

**Over power protection**

**Over current protection**

**Monitored by PC software**

**Compact and light weight**

**LCD display with back light**

**Can be used in a parallel connection**



Easy operation with high speed rotary knob

Numerical data entry

LCD display

Free PC control and supervision software



Back light LCD



Convenient rotary knob

Easy to use numerical keyboard

Heavy duty output terminals

## Main functions

- ▶▶▶▶▶ Setting a constant current (CC) value
- ▶▶▶▶▶ Setting a constant power (CP) value
- ▶▶▶▶▶ Setting a constant resistance (CR) value
- ▶▶▶▶▶ Store 10 programmes
- ▶▶▶▶▶ Recall the stored programmes
- ▶▶▶▶▶ Start/stop a programme
- ▶▶▶▶▶ Switch ON/OFF the output

## Sub- functions

- ▶▶▶▶▶ Set up maximum current
- ▶▶▶▶▶ Set up maximum power
- ▶▶▶▶▶ Set up the programme
- ▶▶▶▶▶ Set up baudrate
- ▶▶▶▶▶ Set up address
- ▶▶▶▶▶ Set up password

## Specifications

| Type                          | 53710  | 53711                  |                         |
|-------------------------------|--|------------------------|-------------------------|
| Input quantity                | 1  | 1                      |                         |
| Input voltage (MAX)           | 360V   | 360V                   |                         |
| Input power (MAX)             | 150W   | 300W                   |                         |
| Input current (MAX)           | 30A  | 30A                    |                         |
| Voltage accuracy              | 0.000-3.999±(0.2%+3mV)   | 4.00-35.99±(0.2%+30mV) | 36.0-360.0±(0.2%+300mV) |
| Current accuracy              | 0.000-2.999±(0.2%+3mA)   | 3.00-30.00±(0.2%+30mA) |                         |
| Minimum resolution            | Voltage 1mV  | Current 1mA            |                         |
| Minimum conductive resistance | <0.08Ω   |                        |                         |
| Ripple                        | <10mVpp  |                        |                         |
| Communication                 | RS232 / RS485 *  |                        |                         |
| ActiveX                       | Free ActiveX for VC++ / VB / DELPHI / LABVIEW  |                        |                         |
| Programme memory              | 10 programme EEPROM  |                        |                         |
| Protective mode               | Over voltage / over current / over power / over heat / polarity-reversing connection |                        |                         |
| AC input                      | AC 110/220V switchable (60/50HZ)   |                        |                         |
| Weight                        | 5.0kg  |                        |                         |
| Accessories                   | Software,users manual,AC power cable,handlebars                                      |                        |                         |
| Optional accessories          | RS232 Adaptor, RS485 Adaptor, Mounting rack  |                        |                         |

## Dimensions (Unit : mm)

