

### Programmable Power Supply



- Voltage/current for all 3 channels can be displayed at the same time
- Can be used in series or in parallel connection
- High accuracy and high regulation with 1mV/1mA
- Set voltage and current with rotary knob
- Small in size i.e ½ rack, 2U high
- Three channel voltage output set output time with 1~999999S



*This Triple output programmable power supply is ideal for use in College, Research Labs etc as it very in small in size and easy to carry*

| PARAMETER   | PPD 3003-S                         |                                      |
|---|------------------------------------|--------------------------------------|
| Output ratings (0°C-40°C)                                     | Voltage                            | 0~30Vx2, 0~5Vx1                      |
|   | Current                            | 0~3Ax2, 0~3Ax1                       |
|   | LVP                                | 0~31Vx2, 0~6Vx1                      |
| The model of remote sense ±(% of output +offset)              | Voltage                            | ≤0.01%+3mV                           |
|   | Current                            | ≤0.01%+3mA                           |
| Line Regulation ±(% of output +offset)                        | Voltage                            | ≤0.01%+3mV                           |
|   | Current                            | ≤0.01%+3mA                           |
| Programming Resolution  | Voltage                            | 1mV                                  |
|   | Current                            | 1mA                                  |
| Programming Accuracy (12 months) ±(% of output +offset)       | Voltage                            | ±0.03%+10mV                          |
|   | Current                            | ±0.1%+5mA                            |
| Ripple & Noise  | Voltage                            | ripple ≤1mVrms/3, Vp-p noise ≤3mVrms |
|   | Current                            | ≤0.03%+10mV                          |
| Temperature Coefficient (0°C~40°C) ±(% of output +offset)     | Voltage                            | ≤0.1%+5mA                            |
|   | Current                            | ≤0.03%+10mV                          |
| Read Back Accuracy ±(%of output +offset)                      | Current                            | ≤0.03%+10mV                          |
|   | Voltage                            | ≤0.1%+5mA                            |
| Synchro Operation in Series Connection                        | Synchro error in series connection | ≤0.05%+10mA                          |
| Synchro Operation in Parallel Connection Programming Accuracy | Voltage                            | ≤0.02%+5mV                           |
|   | Current                            | ≤0.1%+20mA                           |
| Storage Memory  | Store/recall                       | 50 user-configurable stored states   |
| Timer   | Time set                           | 1S~999999S                           |
|   | Resolution                         | 1S                                   |
|   | Function                           | Auto Step Running                    |

Note: Aplab limited reserves the right to specifications and are subject to change without notice. All dimensions are behind the panel 4 excluding legs.