

# PPE-3323 Specifications

The specifications apply when the PPE-3323 is powered on for at least 30 minutes under +20°C~+30°C.

| OUTPUT                             |                                                  |
|------------------------------------|--------------------------------------------------|
| Voltage                            | 0~+32V, 0~-32V, 3.3V/5V Fixed                    |
| Current                            | 0~+3A, 0~-3A, 3A Fixed                           |
| OVP                                | 0~+33V, 0~-33V                                   |
| LOAD REGULATION                    |                                                  |
| Voltage                            | ≤ 6mV                                            |
| Current                            | ≤ 3mA                                            |
| LINE REGULATION                    |                                                  |
| Voltage                            | ≤ 3mV                                            |
| Current                            | ≤ 3mA                                            |
| RESOLUTION                         |                                                  |
| Voltage                            | 10mV ( 20mV rating voltage > 36V )               |
| Current                            | 1mA ( 2mA rating current >3.5A )                 |
| OVP                                | 10mV( 20mV rating voltage > 36V )                |
| PROGRAM ACCURACY (25±5° C)         |                                                  |
| Voltage                            | ≤ 0.05% + 25mV ( + 50mV rating voltage > 36 V )  |
| Current                            | ≤ 0.2% + 10mA                                    |
| OVP                                | ≤ 2% + 0.6V                                      |
| RIPPLE & NOISE (20Hz ~ 20MHz)      |                                                  |
| Voltage                            | Ripple 1mVrms / 3mVp-p<br>Noise 2mVrms / 30mVp-p |
| Current                            | ≤ 3mA rms ( ≤ 5mA rms rating current > 3.5A )    |
| TEMPERATURE (0~40° C ) COEFFICIENT |                                                  |
| Voltage                            | ≤ 100ppm + 3mV                                   |
| Current                            | ≤ 150ppm + 3mA                                   |
| READBACK RESOLUTION                |                                                  |
| Voltage                            | 10mV ( 20mV rating voltage > 36V )               |
| Current                            | 1mA ( 2mA rating current > 3.5A )                |
| READBACK ACCURACY (25±5° C)        |                                                  |
| Voltage                            | ≤ 0.05% + 25mV ( + 50mV rating voltage > 36V )   |
| Current                            | ≤ 0.2% + 10mA                                    |
| RESPONSE TIME                      |                                                  |
| Voltage Up(10%~90%)                | ≤ 100mS                                          |
| Voltage Down(90%~10%)              | ≤ 100mS ( ≥ rating load )                        |
| READBACK TEMPERATURE COEFFICIENT   |                                                  |
| Voltage                            | ≤ 100ppm + 10mV ( + 20mV rating voltage > 36V )  |

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| Current             | $\leq 150\text{ppm} + 10\text{mA}$                         |
| DRIFT               |                                                            |
| Voltage             | $\leq 100\text{ ppm}+10\text{mV}$                          |
| Current             | $\leq 150\text{ ppm}+10\text{mA}$                          |
| TRACK OPERATION     |                                                            |
| Tracking Error      | $\leq 0.1\% + 50\text{mV}$                                 |
| Series Regulation   | $\leq 50\text{mV}$                                         |
| MEMORY              |                                                            |
|                     | Store / Recall 50 sets                                     |
| TIMER               |                                                            |
| Setting time        | 1 sec ~ 99 min ( Max 99 min x 50 sets)                     |
| Resolution          | 1 sec                                                      |
| Function            | for output working loop ( Auto Step Running)               |
| INTERFACE           |                                                            |
|                     | RS-232                                                     |
| POWER SOURCE        |                                                            |
|                     | AC100V/120V/220V/240V $\pm 10\%$ , 50/60Hz                 |
| ACCESSORIES         |                                                            |
|                     | User manual x 1<br>Power cord x 1<br>Test lead GTL-105 x 3 |
| DIMENSIONS & WEIGHT |                                                            |
|                     | 255(W) x 145(H) x 346(D)mm<br>Approx. 10 kg                |