GPD-Series Specifications

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

<table>
<thead>
<tr>
<th>OUTPUT</th>
<th>GPD-4303S</th>
<th>GPD-3303S</th>
<th>GPD-2303S</th>
<th>GPD-3303D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
<td>CH1/CH2/CH3/CH4</td>
<td>CH1/CH2/CH3</td>
<td>CH1/CH2/CH3</td>
<td>CH1/CH2/CH3</td>
</tr>
<tr>
<td>Voltage</td>
<td>0<del>30V / 0</del>5V / 5.001~10V</td>
<td>0~30V / 2.5/3.3/5.0V</td>
<td>0~30V / 2.5/3.3/5.0V</td>
<td>N/A</td>
</tr>
<tr>
<td>Current</td>
<td>0<del>3A / 0</del>1A</td>
<td>0~3A</td>
<td>0~3A</td>
<td>0~3A</td>
</tr>
</tbody>
</table>

**CONSTANT VOLTAGE OPERATION**

- **Regulation**
  - Line: ≤0.01%+3mV
  - Load: ≤0.01%+3mV (rating current ≤3A); ≤0.02%+5mV (rating current>3A)

- **Ripple & Noise** ≤1mVrms (5Hz~1MHz)

- **Recover Time** ≤100μs (50% Load Change, Minimum Load 0.5A)

- **Temp. Coefficient** ≤300ppm / ℃

**CONSTANT CURRENT OPERATION**

- **Regulation**
  - Line: ≤0.2%+3mA
  - Load: ≤0.2%+3mA

- **Ripple Current** ≤3mArms

**TRACKING OPERATION**

- **Regulation of PAR**
  - Line: ≤0.01%+3mV
  - Load: ≤0.01%+3mV (rating current ≤3A); ≤0.02%+5mV (rating current>3A)

- **Regulation of SER**
  - Line: ≤0.01%+5mV
  - Load: ≤100mV

- **Tracking Error** ≤0.1%±10mV(10V~30V) no load, with load added load regulation ≤100mV

**METER (25±5℃)**

- **Display**
  - Voltage: 5 digits, 0.4” LED Display (full scale: 32V)
  - Current: 4 digits, 0.4” LED Display (full scale: 3.2A)

- **Resolution**
  - Voltage: 1mV
  - Current: 1mA

- **Program Accuracy**
  - Voltage: ±(0.03% of RDG+ 10 digits)
  - Current: ±(0.3% of RDG + 10 digits)

- **Readback Accuracy**
  - Voltage: ±(0.03% of RDG + 10 digits)
  - Current: ±(0.3% of RDG + 10 digits)

**CH3 SPECIFICATIONS (25±5℃)**

- **Output Voltage**
  - 0~5V / 5~10V
  - 2.5V/3.3V/5.0V±8%

- **Output Current**
  - 0~3A/0~1A
  - 3A

- **Regulation**
  - Line: ≤0.01%+3mV
  - Load: ≤0.01%+3mV

- **Ripple & Noise**
  - ≤2mVrms (5Hz~1MHz)
  - ≤1mVrms (5Hz~1MHz)
<table>
<thead>
<tr>
<th><strong>KEY LOCK</strong></th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MEMORY SAVE / RECALL</strong></td>
<td>4 Sets</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>AC 100V/120V/220V/230V±10%, 50/60Hz; Power consumption: 490VA max.</td>
</tr>
<tr>
<td><strong>DIMENSION &amp; WEIGHT</strong></td>
<td>210(W) x 130(H) x 265(D) mm, Approx. 7 kg</td>
</tr>
</tbody>
</table>