Aiming at the problem of excessive data processing in power quality, based on the relevant national standards and professional knowledge of power quality, combined with C# programming language, a software for power quality test data processing and comprehensive analysis is developed.

Standard for Power Quality
- Power Quality Supply Voltage Deviation (GB/T 12325-2008)
- Harmonics of Power Quality Public Grid (GB/T14549-1993)
- Power Quality Voltage Fluctuation and Flash (GB/T 12326-2008)
- Power quality three-phase voltage unbalance (GB/T15543-2008)
- Power Quality Power System Frequency Deviation (GB/T15945-2008)
- Power Quality Temporary Overvoltage and Transient Overvoltage (GB/T 18481-2001)

Excel report

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
<th>Value 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>120 V</td>
<td>121 V</td>
<td>122 V</td>
<td>123 V</td>
</tr>
<tr>
<td>Current</td>
<td>10 A</td>
<td>11 A</td>
<td>12 A</td>
<td>13 A</td>
</tr>
</tbody>
</table>

Due to space limitation, the directory structure of power quality test report is shown here, as shown in the figure on the right:

Contact: Wechat