



The CT-GPS 25 GPS Clock is designed to provide the most precise time to the network mainly in the traditional power utilities substations and some other applicable automation devices. It was the first product we released after our establishment in 2000. Also it was the most popular one since then. Depending on the internal receiver configuration, it is capable of referencing the world's largest global navigation satellite system-GPS network.

KEY FEATURES

- GPS input source
- High timing accuracy, microseconds pulse outputs
- Reliable signals receiver built-in
- High performance 1PPS/1PPM/1PPH output
- Multiple serial output and interactive mode
- Compact 19 " / 2U rack mount
- GPS Antenna included

Specifications

⇒ Environmental Conditions

- Operating Temperature: -10 ~ +55 °C
- Storage Temperature: -20 to +55°C
- Humidity: to 95% non-condensing

⇒ Power Supply

- Voltage: 220V±20% DC
Or 220V±15% AC
- Frequency: 47 to 60 Hz
- Power consumption: ≤15 Watts

⇒ Output signals

- 4x1PPS, 4x1PPM, 4x1PPH
- 2xRS 232, 2xRS 485/422 (Optional 4800 or 9600 Baud)

⇒ Performances

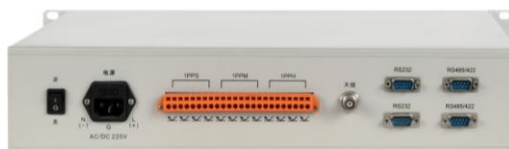
- Timing Accuracy: ±1 μs
- Location Accuracy: 0.1'
- Acquisition:
 - Cold start < 15mins
 - Restart from outage < 20s
 - Restart at the same location < 2mins
 - Restart in a new place < 7mins

⇒ Mechanical

- Size (W×H×D): 19" ×2U×305 mm
or 19" ×2U×360 mm
- Weight: 3.5KG

⇒ Front panel

- Display: Red sharp display of local time received from GPS
- No keypad
- LEDs: (Dual-color green/red)
 - 1 PPH: Twinkle once per **hour** in normal working status
 - 1 PPM: Twinkle once per **minute** in normal working status
 - 1 PPS: Twinkle once per **second** in normal working status
 - RUN: Twinkle regularly in normal working status, **off** if not
 - SYNC: Synchronization status
 - POWER: Power supply status

⇒ Rear Panel**⇒ Scope of supply**

- 1xGPS clock
- 1xGPS antenna in waterproof housing with 30m low loss coax cable
- 1xPower cable
- 2xOperating instruction handbook
- Certification

Note that, if all the GPS clocks couldn't satisfy please feel free to contact us. We are very pleased to provide custom-made ones especially for you.

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