

NS601

Handheld Digital Signal Analyzer



PNS601

Specifications

Environment Conditions

Altitude: $\leq 4000\text{m}$
 Environment temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
 Relative humidity: $5\% \sim 95\%$
 Atmospheric pressure: $86 \sim 106\text{ kPa}$

Security Standard

GB / T 17626.2-1998 EMC testing and measurement techniques Electrostatic discharge immunity test 4
 GB / T 17626.4-1998 EMC testing and measurement techniques Electrical fast transient burst immunity test 4
 IEC 60255-21-1:1988 Electrical relays Part 21:
 Measuring vibration, shock, bump and seismic tests of relays and devices, Chapter One: Vibration tests (sinusoidal)
 Enclosure rating IP5X

Power Supply

Battery: 6 18650 4400mAh large capacity lithium battery
 Charging power adapter:
 Input: $85\text{V} \sim 264\text{V AC-DC Universal}$
 Output: $\text{DC}19\text{V}, 4.74\text{A}$
 Charging time: 2-3 hours full of need, the new battery charge time greater than 12 hours is recommended, at the first three times.
 full power working hours $> 4\text{ hours}$
 Standby time $> 400\text{ hours}$

Self-protection

Built-in charging circuit and over-discharge protection circuit to ensure the reliability of rechargeable battery

Support the signal detection and numerical analysis specification

IEC61850-9-1 signal samples
 IEC61850-9-2/LE signal samples
 IEC61850-8-1 signal (GOOSE)
 IEC60044-7 / 8 optical serial signal

Interface parameters

1 USB port (OTG)
 2 100Mbps Optical Ethernet: 1310nm wavelength, receiving IEC61850-9-2 / 1 samples, GOOSE messages
 2 ST Interface: 850nm wavelength, multimode fiber interface (supports 2.5M, 5M, 10M baud rate), receiving the FT3 signal.

Type of fiber optic cable

62.5/125um multi-mode fiber or 50/125um multi-mode fiber.

Other parameters

Dimensions: $270\text{mm (length)} \times 280\text{mm (width)} \times 55\text{mm (H)}$
 Display: 7 inch TFT color screen, $800 \times 480\text{ dot-matrix}$, liquid crystal display
 Keyboard: 64-bit rubber full-function keyboard
 Expansion slot: SD card slot
 Weight: 2 kg



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