



NTS/NTU-1200 Series

1200W Reliable, Safe, and Durable DC-AC Pure Sine Wave Inverter



Since this March MEAN WELL launched the NTS-250P/400P, NTS-300/450, NTS-750 series of DC-AC pure sine wave inverters, now MEAN WELL is proud to present the NTS/NTU-1200 series of 1200W external portable enclosed inverters. The new NTS/NTU-1200 replaces the old generation of TS-1000 series and brings about improvements such as the incensement of 200W with the smaller case size, easier operation of panel functions, optimized performance, more competitive pricing. The NTU-1200 series with AC by-pass function allows AC mains to directly provide the energy to load without using the inverter's battery. Please refer to the attached table for details to enable users to understand the differences between the new and old generations quickly.

The MEAN WELL NTS/NTU-1200 differentiates itself apart from general consumer grade inverter by adopting industrial-grade high reliability, high safety, high quality, and incorporates environmental protection and high-efficiency conceptual design. It also introduces new digital smart chips and strictly select construction materials. The main features instant 2000W peak power capability, flexible output and operation mode adjustment, remote ON/OFF control, multiple intelligent protection (abnormal automatic shutdown), operation at $-25 \sim +70^{\circ}\text{C}$, standard

Europe/America/China and universal plugs, short delivery time, international certification, 3 years warranty, and more. It is suitable for use in home/office, car, yacht, remote areas without AC power grid or mobile AC power supply, UPS application (NTU series only) and can be used to power TV, computer, mobile phone charging, audio, lighting, electric fan, mobile medical cart, etc.



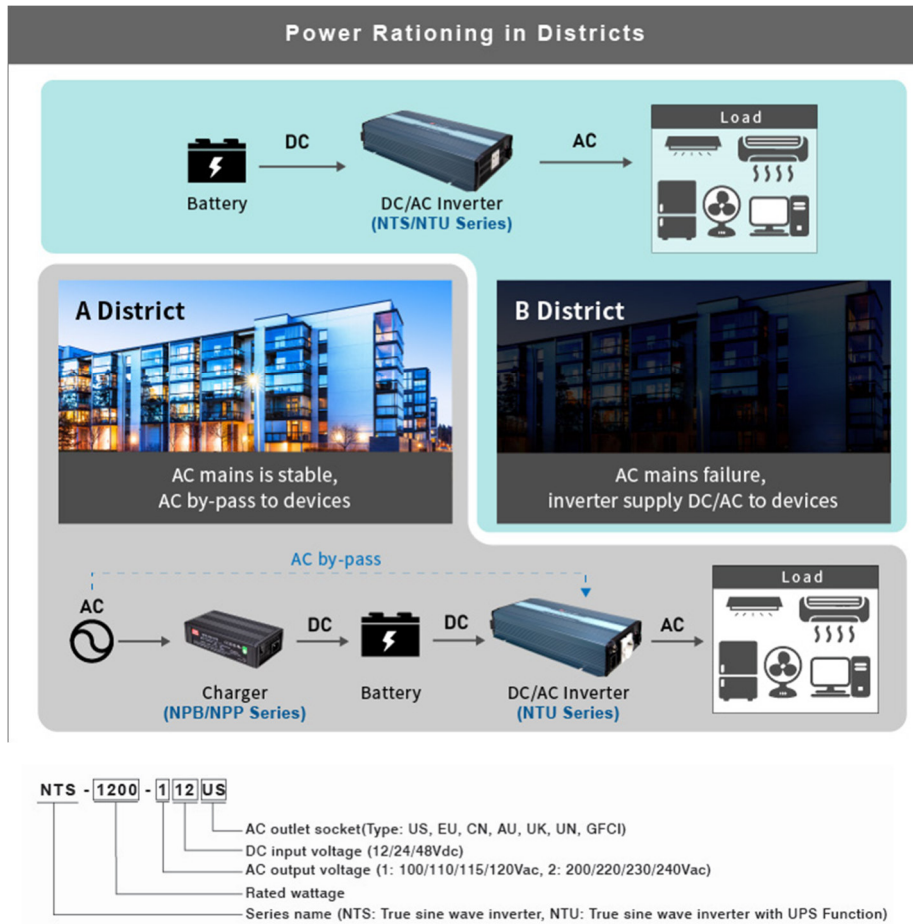
Some technical features:

| Model | OLD (2007.11 launch) | NEW (2021.5 launch) |
|--|---|---|
| Feature | | |
| Series | TS-1000 | NTS-1200 NTU-1200 |
| Built-in AC by pass backup | X | √ (NTU-1200 only) |
| Output Wattage | 1000W (2000W peak) | 1200W (2000W peak) |
| Output Waveform | Pure Sine Wave (THD < 3%) | |
| Input Voltage | 10.5~15Vdc 21~30Vdc 42~60Vdc (suitable for lead acid batteries) | 10~16.5Vdc 20~33Vdc 40~66Vdc (suitable for lead acid or lithium batteries) |
| No load power consumption (energy saving mode) | 6W | NTS-1200: 1.2~1.5W (by model) NTU-1200: 8W (Built-in AC by pass) |
| Efficiency | 88~92% | 89~93% |
| Operating Temperature | 0~+60°C | -25~+70°C |
| AC Output Voltage and Frequency | 100/110/115/120Vac or 200/220/230/240Vac 50Hz or 60Hz | |
| | Setting button, loop control logic may be confusing | DIP S.W adjust, simple logic |
| Remote ON/OFF | X | √ |
| Intelligent Protection Features | DC input side – reverse polarity, under voltage, and overvoltage protections , low voltage disconnected AC output side – short circuit, overload, and over temperature protections | |
| Conformal Coating | None | Conformal coating for moisture, dust, and dirt protection |
| AC Outlet | Standard: US, EU Optional: AU, UK, JP, GFCI | Standard: US, EU, China, Universal Optional: AU, UK, GFCI |
| Safety Approval | | |
| Dimensions (LxWxH) | 345 x 184 x 70mm | 333 x 184 x 70mm |
| Warranty | 3 years | |

Image of the European Device:



Applications where you can use it:



M+R Multitronik GmbH

Stawedder 29, 25462 Rellingen

Tel.: +49 (0)4101 8040-402 Mail: info@multitronik.com