

Product Introduction :

Shortly after the launch of the NTS-250P/400P/300/450 series of DC-AC pure sine wave inverters, MEAN WELL is proud to unveil the NTS-750 series of 750W external portable enclosed inverters. The new NTS-750 replaces the old generation of TS-700 series and brings about improvements such as smaller case size, easier operation of panel functions, optimized performance, and more competitive pricing. To allow users to quickly understand the differences between the new and old generations, please refer to the attached table for details.

The MEAN WELL NTS-750 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 are small size, light weight, easy to carry, **93%** high efficiency, instant 200% peak power capability, flexible output and operation mode adjustment, remote ON/OFF control, multiple intelligent protection (abnormal automatic shutdown), operation at -25 ~ +70°C, standard Europe/America/China and universal plugs, short delivery time, international certification, 3 years warranty, and more. The NTS-750 is suitable for use in home/office, car, yacht, remote areas without AC power grid or mobile AC power supply, and can be used to power TV, computer, mobile phone charging, audio, lighting, electric fan, mobile medical cart, etc.

Feature	Model	OLD (2008.5 launch)	NEW (2021.4 launch)
Series	TS-700	NTS-750	
Output Wattage	700W (1400W peak)	750W (1500W 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	1.2~1.5W (by model)	

Efficiency	86~91%	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
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)	295 x 184 x 70mm	
Warranty	3 years	

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NTS: Series name

750: Rated wattage

1: AC output voltage (1 : 100/110/115/120Vac,2:200/220/230/240 Vac)

12: DC input voltage (12/24/48 Vdc)

US: AC outlet socket(Type: US,EU,CN,AU,UK,UN,GFCI)