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Inverter Product Category



Туре	Appearance	Series	Warranty
	OLD BEEF	TS series DC-AC 200/400/700/1000/1500/3000W TN series DC-AC + Charger + UPS 1500/3000W	
Sine Wave	NEW	NTS series DC-AC 250/300/400/450/750/1200/1700/2200/3200W NTU series DC-AC + UPS 1200/1700/2200/3200W (Under development for 1700~3200W)	3 Years
Square wave		A301/A302 series DC-AC 100/150/300/600/1000/1700/2500W	1 Year

True Sine Wave Inverter Roadmap



Standard-alone Ture Sine Wave

TS-200 / 400 / 700 / 1000 / 1500 / 3000

Ture Sine Wave with AC and Solar Charger

TN-1500 / 3000

Remote Controller

IRC-1/2/3





Built-in type Ture Sine Wave

NTS-250P / 400P



Standard-alone Ture Sine Wave (Under development for 1700~3200W)

NTS-300 / 450 / 750 / 1200 / 1700 / 2200 / 3200

Standard-alone Ture Sine Wave with **UPS**

NTU-1200 / 1700 / 2200 / 3200



200 300 400 500 700 1000 1200 1500 1700 2200 3200

NTS/NTU Series Selection Table



Installation type	Series	Output Power	DC Input Voltage	AC Output Voltage	Built-in Fan	UPS	Dimension (mm)
Built-in type	NTS-250P	250W			×		186*100.5*32
(PCB type)	NTS-400P	450W					186*100.5*32
	NTS-300 300W				210*130*55		
	NTS-450	450W	10 ~ 16.5Vdc 20 ~ 33Vdc 40 ~ 66Vdc	100/110/115/120Vac 200/220/230/240Vac (Adjustable output by DIP SW)		*	210*130*55
	NTS-750	750W					270*158*67
External type	NTS-1200	1200W					333*184*67
	NTS-1700	1700W					400*184*67
	NTS-2200	2200W					400*270*98
	NTS-3200	3200W					440*270*98
	NTU-1200	1200W				√	333*184*67
	NTU-1700	1700W					400*184*67
	NTU-2200	2200W					400*270*98
	NTU-3200	3200W					440*270*98

Key Features



Product Family: NTS-250P / 400P

NTS-300/450/750/1200/1700/2200/3200

NTU-1200/1700/2200/3200

- 200% peak power capability
- THD < 3%
- Selectable AC output voltage by DIP SW (100/110/115/120Vac or 200/220/230/240Vac)
- Selectable AC output frequency by DIP SW (50HZ or 60HZ)
- No-load power consumption < 1.5W max. in power saving mode
- Fanless design (NTS-250P/400P/300)
- Built-in intelligent temperature control cooling fan(NTS-450~3200 / NTU-1200~3200)
- Multi-intelligent protections (Automatic shutdown when abnormal):
 DC input- Reverse polarity/Bat. low alarm/Bat. low shutdown/Over voltage
 AC output Short circuit/Overload/Over temp.
- -25~+70°C working temperature
- Remote controller–IRC1 / IRC2 / IRC3 (NTS-750~3200 / NTU-1200~3200 applicable)
- Pull handle optional accessory
- Built-in UPS function (NTU-1200~3200)
- Comply with international certification, safety is guaranteed
- Suitable for lead-acid or li-ion batteries
- 3 years warranty















IRC

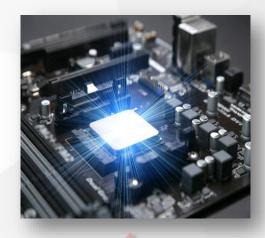


NTS/NTU



NTS/NTU Inverter - 3 Key Features









Safe

- Intelligent protection
- Global Certification

Durable

- High-quality components
- 3 years warranty

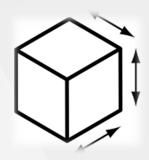
Off-the-shelf

- Off-the-shelf product
- Sales channel over the World



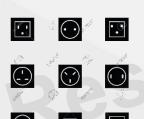
NTS/NTU Series – 6 Optimizations













Packaging upgrade

Size miniaturization

Specification upgrade

User friendly

Support variety of sockets

Affordable Price

Packaging Upgrade(1)- Eco Friendly



Old Gen. — TS Series



Polyethylene(EPE)



New Gen . — NTS/NTU Series



Paper Pulp



Ink (toluene, xylene)



Ink free

Packaging Upgrade(2)-User Friendly

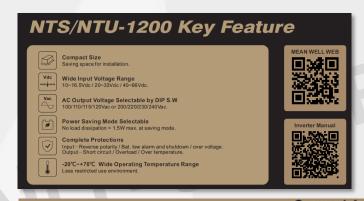


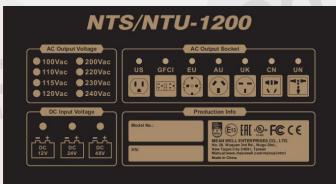
Old Gen. — TS Series

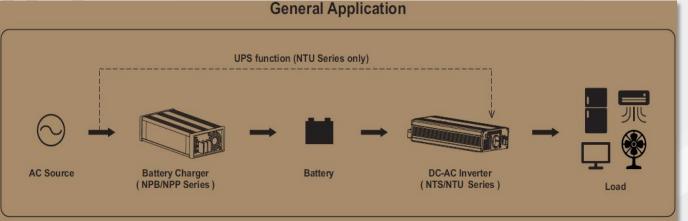




New Gen. — NTS/NTU Series



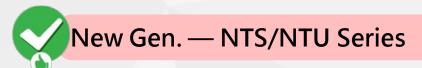




Size Miniaturization



Old Gen. — TS Series







Old Gen.				
Series	Dimension			
NA	NA			
TS-200	205*158*59			
TS-400	205*158*67			
TS-700	295*184*70			
TS-1000	345*184*70			
TS-1500	420*220*88			
NA	NA			
TS-3000	466.8*283.5*100			

New Gen.	n.		
Series	Dimension		
NTS-250P/400P	186*100.5*32	NA	
NTS-300	210*130*55	-21%	
NTS-450	210*130*55	-31%	
NTS-750	270*158*67	-25%	
NTS/NTU-1200	333*184*70	0%	
NTS/NTU-1700	400*184*70	-37%	
NTS/NTU-2200	400*270*98	NA	
NTS/NTU-3200	440*270*98	-12%	

Specification Upgrade

(for 112/124 type Fonly)



Old Gen.-TS Series



New Gen.-NTS/NTU Series

Output Power	Built-in type: N/ A Stand alone: 200/400/700/1000/1500/3000vV	Built-in type: 250/400W Stand-alone type: 300/450/750/1200/1700/2200/3200W
Output Voltage	10.5~ 15Vdc 21 ~ 30Vdc 42 ~ 60Vdc	10~16.5Vdc 20~33Vdc 40~66Vdc
No-load power consumption	6~15W (by model) In power saving mode	1.2~1.5W (by model) in power saving mode
Efficiency	84.5~92%	89~93%
Working Temp.	0~+60°C	-25~+70°C
R.C	only 200/400W	250~3200W whole product family
Multi-intelligent protections	Input: Reverse polarity/DC low alarm/Over voltage Output: Short circuit/Overload/Over temp.	Input: Reverse polarity/DC low alarm/Over voltage/Battery over discharge Output: Short circuit/Overload/Over temp.
Communication	NA 🖒	(250W/400W Built-in, Optional for other models)
UPS	NA 🖒 🤊	(NTU Series only)
Safety Approvals	CB c⊕us E13 [H[F© C €	CB DEKRA CHUUS (E13) FRI (A) FC (E

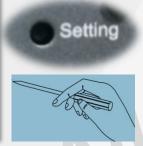
FC CE

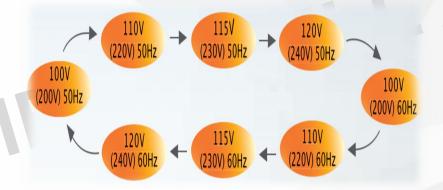




Old Gen.-TS Series













	Selectable by DIP S.W					
SV	/1	SW2		SW3	SW4	
OF	F	OFF:	200Vac	ON : 50Hz	ON : Saving mode	
OF	F	ON:	220Vac	ON . 30HZ	ON . Saving mode	
ON		OFF:	230Vac	OFF: 60Hz	OFF: Non-Saving mode	
ON		ON:	240Vac	OF F. 00H2	OFF: Noir-Saving mode	



Support Variety of Sockets & No MOQ



Old Gen.-TS Series









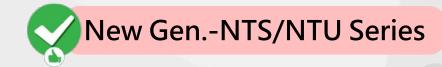


Other Optimizations – Pull Handle(Optional)



Old Gen.-TS Series





With pull handle design, more convenient to carry



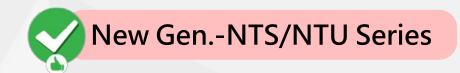
Other Optimizations - Label · Manual



Old Gen.-TS Series









NTS-750-212EU

750W True Sine Wave Inverter

DC Input: 12Vdc, 75A

AC Output: Default 230Vac/50Hz, 3.26A

200/220/230/240Vac, 50/60Hz selectable

Rated Power: 750W continuous







MEAN WELL ENTERPRISES CO., LTD.

No. 28, Wuquan 3rd Rd., Wuqu Dist., New Taipei City 24891, Taiwan Manual:www.meanwell.com/manual.html

MADE IN CHINA MW02



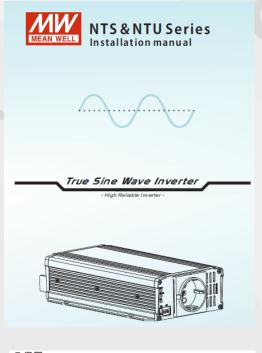
WARNING:

Risk of electric shock. Do not remove cover, no user serviceable parts inside. Refer to qualified service personnel.

Disconnect all sources of AC and DC power before servicing. Fire and explosion hazard. This device can cause arcs or sparks and is not ignition protected. Do not install in places containing gasoline, gasoline fueled engines or gasoline tanks or in areas where ignition protected equipment is required. To minimize risk of electric shock, do not expose to rain or spray. Do not block ventilation openings or mount in zero clearance compartments to avoid overheating.

Selectable by DIP S.W					
SW1	SW2		SW3	SW4	
OFF	OFF:	200Vac	ON . 50H-	ON : Saving mode	
OFF	ON:	220Vac	ON : 50HZ	ON . Saving mode	
ON	OFF:	230Vac	OFE: 60Hz	OFF: Non-Saving mode	
ON	ON :	240Vac	OFF. 00H2	OFF. Non-Saving mode	





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NTU Series-Built UPS Function



- When AC grid is normal: AC by-pass supply power to the load directly
- When AC gird fails: the battery converts AC power to the load





NTU Series UPS Application – Alternate Power Supply in Districts (Example)

A City
AC grid is normal, AC by-pass
Inverter to supply power



B City AC power failure, Inverter DC→AC to supply power



Application



No AC Grid-Mobile AC Power Supply



- Mobile medical carts / Ambulances / Gardening vehicle / Camping vehicles / Refrigerated vehicles
- Off-grid equipment: Industrial-grade vacuum, forklift
- Mobile power bank

With AC Grid-UPS Backup Power Supply



- Power supply in countries and regions with unstable power grids
- Office · Home backup power
- Fire protection facility backup
- Communication equipment backup
- Elevator safety backup

Common Load







您信賴的電源夥伴

Your Reliable Power Partner