

Pure Sine Wave Inverter with Charger

NPS series 600W to 2000W 15A



Introduction:

NPS is the company for the professional users of the introduction of new products, the battery can be converted into DC power inverter rated voltage sine wave AC power for the user to use the load. Equipment appearance generous, digital display, easy to operate. With AC automatic voltage regulator output, the whole high efficiency, low load loss, the system safe, stable, reliable, long life, with a high cost performance.

Key Features:

- High frequency inverter, high efficiency.
- Built in 3 stage battery charger.
- With UPS function, transfer time less 10ms.
- Pure Sine Wave output (THD<3%).
- AC input with AVR protection function.
- Perfect electronic protection.



Model choose sheet

Model	NPS600	NPS700	NPS1000	NPS1200	NPS1500	NPS2000
Inverter part						
AC voltage	100-120V / 220-240V					
Rated power	600W 700W 1000W 1200W 1500W 2000W					
Surge power	1200W 1400W 2000W 2400W 3000W 4000W					
Wave form	pure sine wave (THD < 3%)					
Frequency	50/60Hz ± 3Hz					
AC regulation	± 5% or 10%					
DC voltage	12V or 24V					
Charger part						
Max.charging current	15A					
Charging way	3 stage(constant current, constant voltage, Floating charge)					
AC input voltage	80-150V/170-250V					
By pass mode						
By pass transfer time	≤ 10ms					
AVS protection function						
AC input lower voltage	yes, shut down					
AC input high voltage	yes, shut down					
Time delay	17 seconds					
Protections	lower voltage alarm&shutdown, over voltage, overload, short circuit, over temperature, earth fault, polarity reverse					
Dimension	33*23*10.6cm		33*23*10.6cm		41*25.2*10.1cm	
Net weight	3.2kg	3.35kg	3.56kg	3.65kg	5kg	5.2kg
Gross weight	4.2kg	4.35kg	4.56kg	4.65kg	5.9kg	6.2kg

DC TO DC Converter

NT Series DC24VTO DC12V 5A-60A/DC12VTO24V 5-20A



Key Features:

- It convert DC24V to DC12V/DC12V to DC24V.
- It widely used in Buses, large trucks and construction vehicles.
- Table performance, sustainable under the rated current for a long time.
- Use the imported power supply voltage regulator module.
- Cheap, quite, reliable, mobile and easy to use.
- Full protection circuit design, power conversion and voltage protection.

Model choose sheet

Model	NT2412-5A	NT2412-10A	NT2412-15A	NT2412-20A	NT2412-30A	NT2412-60A
Rated Power	60W	120W	180W	240W	360W	720W
Max.power	80W	150W	230W	300W	400W	900W
Input voltage	DC13-40V	DC13-40V	DC13-40V	DC13-40V	DC13-40V	DC13-40V
Min.Input voltage	DC13V ± 0.5V					
Max.Input voltage	DC40V ± 0.5V					
working temp.	50°C ± 10%					
Rated output voltage	DC12 ± 10%					
Adjustable output voltage	9-14V DC					
Size	53*89*47mm	98*89*47mm	118*89*47	153*89*47mm	163*89*47	22.5*17*67cm
Net weight	192g	328g	420g	445g	465g	1585g

Model	NT1224-5	NT1224-10	NT1224-25
Rated Power	120W	240W	600W
Max.power	140W	250W	620W
Input voltage	DC10-16V		
Working efficiency	92%	95%	90%
Rated output voltage	DC24 ± 10%		
Size	95*87*52mm	120*87*52mm	140*87*52mm
Net weight	0.35kg	0.56kg	0.75g