



Charger & Inverter Product Line Introduction

Product Strategy Center info@meanwell.com



Outline

Introduction

Product Category / Selection table / Road Map

New And Old Generation Comparison

Key Features of New Generation

- Advantages
- Applications



Introduction



What applications need chargers and inverters?

AC-DC Charger

DC-AC Inverter

Energy Storage

Battery Charging

Portable Power Source

Power Backup

Fixed energy storage

Stores renewable energy in battery banks



Mobile device

charging

Charges batteries



Independent AC Power

<u>Source</u>

Outdoor non-grid-tied



Redundant AC Power

Source

Grid-tied UPS backup



Product Category

Charger



X Note 1: Red words are new productsX Note 2: Please click on series names for related introduction webpages or specifications

Category	Туре	Photo		Series	Warranty	Remark
	Desktop type		ENP/ENC series	120/ 180/ 240/ 360W	3 years	Programmable
Portable	Adautautus		GC series	30/ 120/ 160/ 220/ 330W	2 years	
	Adaptor type		PA/PB series NPB series	120 / 230W NRND 120/ 240/ 360W NEW	3 years	2/3 stage and Vo/Io Adj. (NPB-120~360)
	Screw Mounted		HEP series	600/1000W	6 years	Programmable Ansh Environment
			RPB-1600 series DBU-3200 series	1600W 3200W	5 years	Programmable
Stationary			PB series NPB/NPP series	300/ 360/ 600/ 1000W NRND 450/ 750/ 1200/ 1700W NEW	3 years	NPB: Intelligent/CANBus/ NPP: 2-in-1 (PSU+Charger)
	Rack-Mounted		RCB-1600 series DBR-3200 series	1600W 3200W	5 years	1. Rack type , hot-swop 2. Programmable

Selection Table

Charger



Category	Туре	Series	Charging Stage	Voltage	Features
	Desktop	ENC/P-120/180/240/360	3	14.4/ 28.8/ 57.6	Charging voltage, charging current and timeout can be programmed through SBP-001
Portable		GC30	2	4.2/ 5.6/ 7.2/ 8.4/ 14.3/ 16.8/ 28.6	Standard DC output plug
Fortable	Adaptor	GC120/160/220/330		13.6/ 27.2/ 54.4	
	Adaptoi	NPB-120/240/360	2/3	14.4/ 28.8/ 57.6	1. 2 or 3 stage selectable by DIP S.W. on front panel 2. Multiple DC output plugs selectable: Anderson, terminal block and 4 pin power pin
	Screw Mounted	NPB-450/750/1200/1700	2/3	14.4/ 28.8/ 57.6/ 72	Ultra wide charging range auto sensing function Built-in CANbus protocol Charging voltage, charging current and timeout can be programmed through SBP-001
		NPP-450/750/1200/1700	3		Battery Charger & Power Supply 2-in-1
Stationary		HEP-600/1000C		14.4/ 28.8/ 57.6	Fully potted and fanless design with aluminum enclosure, IP67 and withstand 10G vibration test Suitable for Harsh Environment
		RPB-1600	3	14.4/ 28.8/ 57.6	1. Charging voltage & current can be adjusted via external 1~5Vdc 2. Built-in I ² C interface, PMBus protocol (Optional CANBus protocol)
		DBU-3200		28.8/ 57.6	3. Active current sharing up to 25600W
	Deale	RCB-1600		14.4/ 28.8/ 57.6	1. Support hot swap
	Rack- Mounted	DBR-3200	2/3	28.8/ 57.6	2. Charging voltage & current can be adjusted via external 1~5Vdc 3. Built-in I ² C interface, PMBus protocol (Optional CANBus protocol) 4. Active current sharing up to 25600W

Road Map Charger





Watt

Road Map Charger

Screw mounted

Rack-mounted

Stationary



Internal potted for harsh environment

HEP-600C/ 1000C Series

PB-300/360/600/1000 Series

R

Vo/lo Programmable RPB-1600/ DBU-3200 Series

NPB: Intelligent charger

NPP: Charger or power supply mode selectable (2-in-1)

NPB-450/ 750/ 1200/ 1700 Series

NPP-450/ 750/ 1200/ 1700 Series



Vo/Io Programmable

RCB-1600 / DBR-3200 Series

120

180

240

360

720

1000

1600

3200

Watt

New Gen. Charger

NPB vs NPP Series Difference Description





	NPB series						NPP series				
O/P Wattage	120W	240W	360W	450W	750W	1200W	1700W	450W	750W	1200W	1700W
Product Level	Basic Charger			Intelligent Charger			Power supply + Charger 2-in-1				
Auto ranging	×			(Patent NO. : CN111711254B)			×				
Vo Adj.	\checkmark			🗶 (Auto ranging)				\checkmark			
Io Adj.		\checkmark		\checkmark			\checkmark				
Built-in CANBus		X		\checkmark			×				
Charging Stage	2 or 3-	-stage a	djustabl	9			3-stage fixed				
Suitable Battery	ttery Lead-acid (Pb) · Li-ion						Lead-acid (Pb)				
Price	\$		\$\$\$			\$\$					

New And Old Generation Comparison Key Features for New Generation









Intelligent& Smart

Auto ranging &

Remote control

(NPB-450~1700)

Safety & Durability

Global Safety 3 years warranty

High Efficiency

Fast Charging &
High Efficiency
up to 93%

New And Old Generation Comparison Dimension







300*184*70mm

PB-1000



NEW New Gen. — NPB Series

New Gen.	Reduced size(%)	
Series Name	Dimension (LxWxH)	
NPB-120	180*96*49mm	0%
NPB-240	180*96*49mm	- 5%
NPB-360	180*96*49mm	- 45%
NPB/NPP-450	205*130*55mm	-12%
NPB/NPP-750	230*158*67mm	0%
NPB/NPP-1200	250*158*67mm	-32%
NPB/NPP-1700	300*184*70mm	

New And Old Charger Comparison Key Features for 120W~360W



	Old Gen. — PB-120/230/300/360 Series	New Gen. — NPB-120/240/360 Series
Output Power	120/230/300/360	120/240/360W
Input Voltage	115/230Vac or 90~264Vac (by series)	90~264Vac
Output Voltage	14.4V (300W only ,Adjustable 13~14.7V) 28.8V (300W only ,Adjustable26~28.8V) 57.6V (300W only ,Adjustable 52~58.6V)	14.4V (10.5~15.2V) 28.8V (21~30.4V) 57.6V (42~60.8V)
Charging Curve	Only 3 stage	2 or 3 stage selectable by DIP S.W
Adjustable Vo/Io(VR)	Only 300/360W Vo can be adjusted	Adjustable Vo / Io
Efficiency	73~87%	86.5~93%
Working Temp.	-10~+60°C	-30~+70°C
Multi-Intelligent Protections	Short circuit/ Over voltage/ Over temp./ Battery reverse polarity	Short circuit/ Over voltage/ Over temp./ Battery reverse polarity/ Battery static discharge protection
Output Connector	XLR / AD1 / TB (by series)	XLR / AD1 / TB 3 types are all standard products
Applicable Battery	lead-acid	lead-acid or li-ion batteries
Safety Approvals	62368-1 or 60335-2-29 (by series)	62368-1 + 60335-2-29 dual Certification
Warranty	2 or 3 years (by series)	3 years

Key Features of New Charger

More Flexible · More Simple

Old Gen. -PB-120/230 Series

No lo / Vo adjustable functions







New Gen. -NPB-120/240/360 Series

Functions						
Charging stage Adj	lo Adj	Vo Adj				
2 or 3 stage Adj. by DIP S.W	50~100% rated current adjustable by VR	14.4V(10.5~15.2V) 28.8V(21~30.4V) 57.6V(42~60.8V) by VR				



Key Features of New Charger

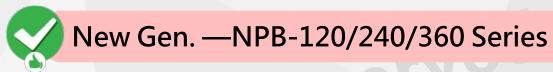
Complete Output Connectors



Old Gen. — PB-120/230 Series









New And Old Generation Comparison

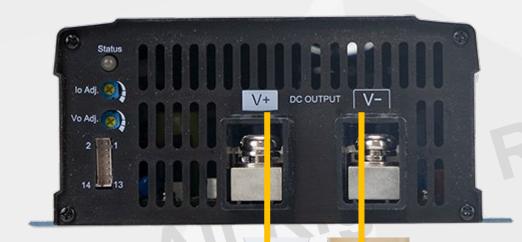


Key Features for 360W~1700W

Old Gen. — PB-360/600/1000 Series	New Gen. — NPB-450/750/1200/1700 Series
300/360/600/1000W	450/750/1200/1700W
115/230Vac or 90~264Vac (by series)	90~264Vac
14.4V (stationary voltage) 28.8V (stationary voltage) 57.6V (stationary voltage)	14.4V (10.5~21V) 28.8V (21~42V) 57.6V (42~80V)
	72V (54~100V, 450W only) NPB: (Patent No.: CN111711254B) NPP:
300W/360W only	NPB: lo adjustable between 50~100% via VR on front panel or connect with PC NPP: Vo/lo adjustable via VR on front panel
X	NPB: (built-in) NPP: 🗶
300/360W: 3 stage, 600/1000W: 2/3/8 stage	2 or 3 stage selectable by DIP S.W or connect with computer
Floating maintenance, NTC sensing, RC	Floating maintenance, NTC sensing, RC
85~89%	91~93%
-10~+60°C	-30~+70℃
Short circuit/ Overvoltage/ Over temp./ Battery reverse polarity	Short circuit/ Overvoltage/ Over temp./ Battery reverse polarity Battery static discharge protection
Lead-acid battery	Lead-acid or li-ion batteries
62260 1 =th 60225 2 20 (by corrido)	62368-1 + 60335-2-29 dual certification
	300/360/600/1000W 115/230Vac or 90~264Vac (by series) 14.4V (stationary voltage) 28.8V (stationary voltage) 57.6V (stationary voltage) 300W/360W only 300/360W: 3 stage, 600/1000W: 2/3/8 stage Floating maintenance, NTC sensing, RC 85~89% -10~+60°C Short circuit/ Overvoltage/ Over temp./ Battery reverse polarity



Auto Ranging Charging with Multiple Functions



10.5V 21V 42V

54V

MEAN

Ultra-wide charging voltage, and can be used for a wide range of batteries

21V

42V

V08

100V

SUSTAINABLE DEVELOPMENT GROUP MEAN WELL

Built-in CANBus Protocol Interface



	Smart progrommable with SBP-001 & Digital communication												
	1	2	3	4	5	6	7	8	9.10	11	12	13	14
14 13		CAN Bus address A0	Prog +3.3V	CAN Bus address GND	BAT OK	Charger OK	RC ON/OFF	+12Vaux	GND-AUX	CANH	CANL	NTC+	NTC-

With CANBus protocol, control and monitoring function can be realized. It is helpful when users intend to modify the parameters remotely. Users can access the master and modify the parameters through CANBus, which include ON/OFF, output voltage/ current, temperature. More to that, users can even change the charging curve parameters, such as constant current level, boost voltage, float voltage and timeout function.

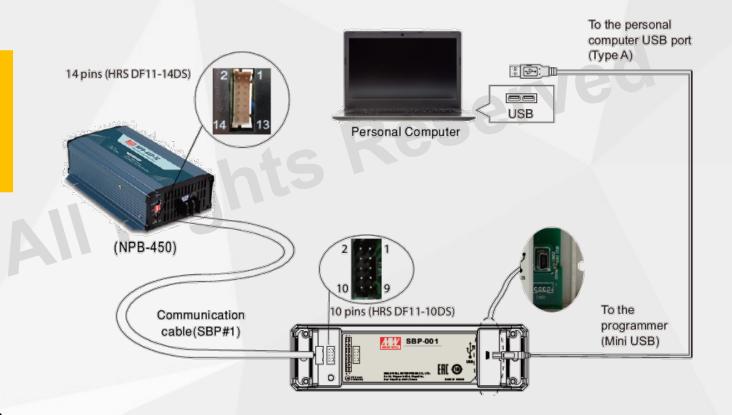


Programmable Charging Setting: Connection

Smart Programmer SBP-001

MEANMELL

Charger can be quickly connected with USB to the laptop



Programmer SBP-001 is able to work with:

ENC-120/240/360 \ HEP-1000C / 2300-55 \ RCB/RPB-1600 \ DBU/DBR-3200 \ DRS-240/480 \ NPB-450/750/1200/1700

SUSTAINABLE DEVELOPMENT GROUP MEAN WELL

Programmable Charging Setting: Function Introduction

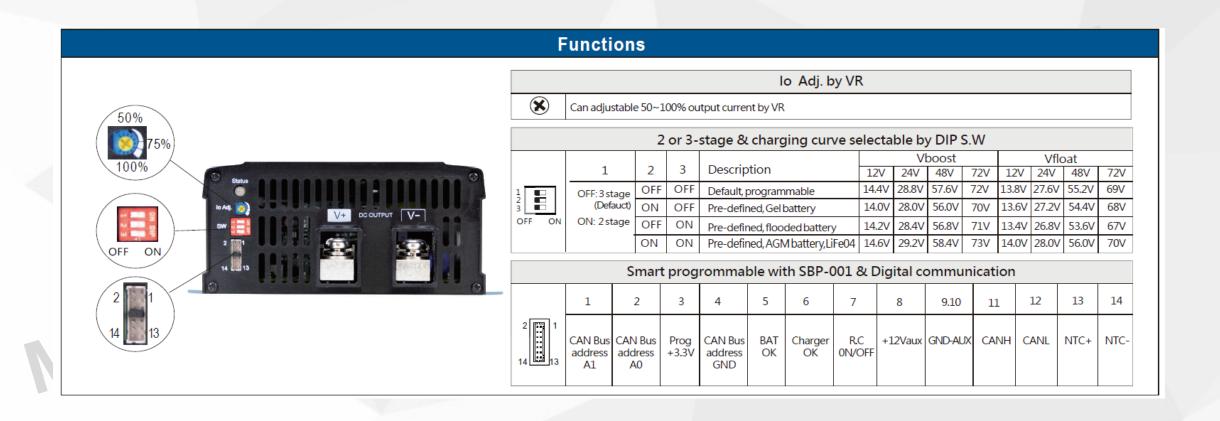
SBP-001 compatible series: ENC-120/240/360 , RCB/RPB-1600 , DBU/DBR-3200 , HEP-1000C / 2300-55 , DRS-240/480 , NPB-450/750/1200/1700

NPB-450 CLIENT: PROJECT: Battery Charger 5DBBVXCLL0 Flexibly adjust **CURVE PROFILE** SETTING charging TC CV FV parameters 17.5 60.0 MEANN 14.0 CURRENT 24.0 m 12.0 3.5 Selectable STAGE1 STAGE2 STAGE3 charging curves TIMEOUT(HH:MM) STAGE 3 ✓ CCT 010:00

Charging time setting

Simple Operation Interface





Key Features

DEVELOPMENT OF MEAN WELL

- Battery charger and power supply 2-in-1
- Ultra-wide charging voltage
 (10.5~21V, 21~42V, 42~80V, 54~100V)
- Charging current & voltage adjustable through panel
- 3 stage charging (only under charging situation)
- -30~+70°C wide operating temperature
- Thermal controlled DC fan for noise reduction
- Multi-intelligent protections: Short circuit / Overload / Over voltage/ Over temp.
- Suitable for lead-acid batteries
- Carry handle accessory available (Order No.: DS-Carry handle)
- Safety approval: CB, UL, DEKRA, EAC, CE, UKCA (62368-1 + 60335-1/-2-29)
- 3 years warranty







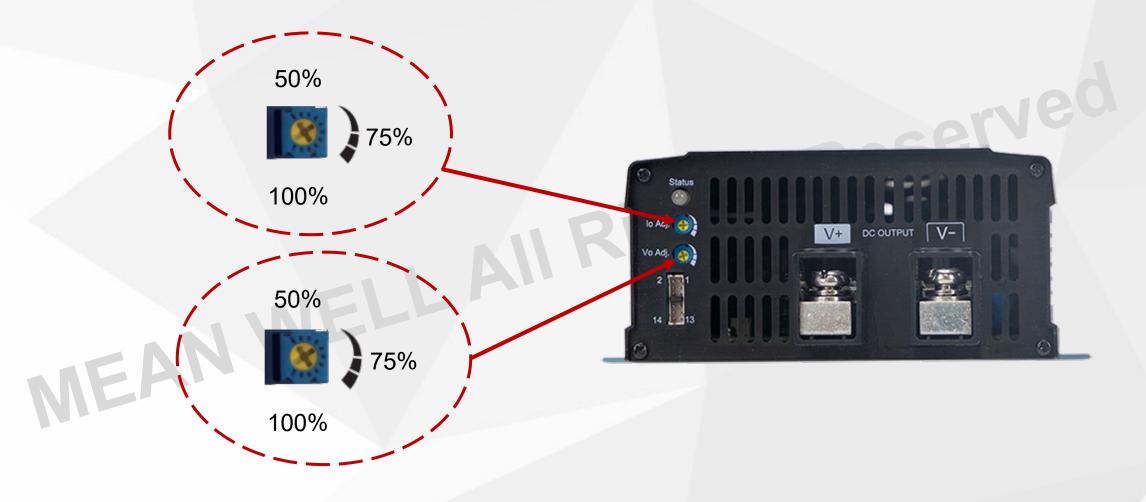
Flexibly Switch Charger Power Supply



MEA	Charging Mode (default)	Pin 3 & 4 no plugged
	Power Supply	Pin 3 & 4 plugged in

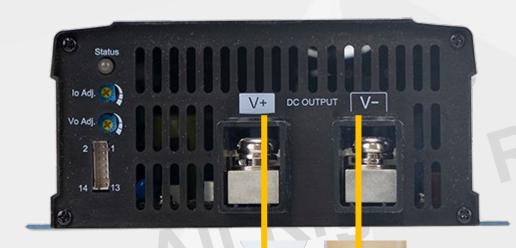
SUSTAINABLE DEVELOPMENT GROUP

Adjustable Output Voltage & Current



SUSTAINABLE DEVELOPMENT GROUP

Ultra-wide charging voltage



10.5V 21V

42V 54V

MEAN

Ultra-wide charging voltage and can be used for a wide range of batteries

21V

42V

80V

100V

New Generation Charger and Inverter Features Introduction

Bracket And Carry Handel



NPB-120/240/360 series



※ Bracket (Optional accessory, Should ordered seperately)

MW's Order No.	Item	Quantity
DGG2MHS012D		4pcs/per model

NPB/NPP-450/ 750/ 1200/ 1700 series NTS-300/ 450/ 750/ 1200/ 1700/ 2200/ 3200 series NTU-1200/ 1700/ 2200/ 3200 series



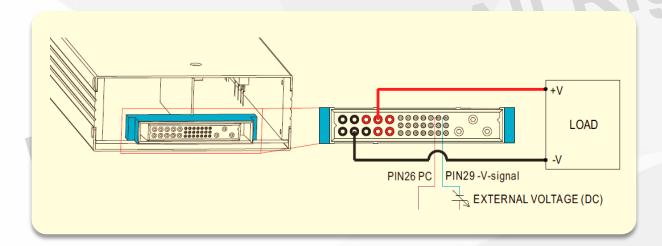
MW's Order No.		Item	Quantity
	1	Handle	1
DS-Carry Handle	2	Foot pad	4
	3	Screw	2

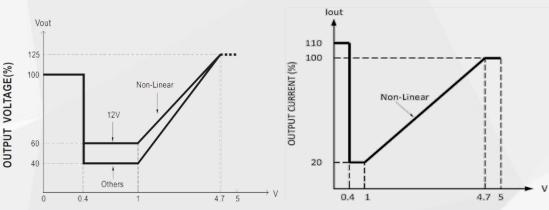
Stationary Charger: RCB/RPB/DBU/DBR/HEP Series P.V/P.C Functions, Multiple Usages



Series with Programmable Voltage / Programmable Current functions: RCB/RPB-1600, DBU/DBR-3200, HEP-1000C

Flexibly adjust output voltage or constant current level via external 0-5Vdc voltage signal





Key Features of New Charger

For A Variety of Batteries



Lead-acid Batteries

13.8V, 27.6V, 55.2V

- Wet Cells
- Gel Cells
- AGM



Lithium-ion Batteries

14.4V, 28.8V, 57.6V, 67.2V, 72V, 84V, 96V, 120V

- Ternary lithium
- Lithium-ion manganese oxide (LiMn2O4)
- Lithium iron phosphate (LiFePO4)



Product Category

Inverter



- X Note 1: Red words are new productsX Note 2: Please click on series names for related introduction webpages or specifications

Category	Photo	Series	Warranty
True sine wave	NRND NEW	TS series DC-AC 200/ 400/ 700/ 1000/ 1500/ 3000W TN series DC-AC + Charger + AC_by pass(UPS) 1500/ 3000W NTS series DC-AC 250/ 300/ 400/ 450/ 750/ 1200/ 1700/ 2200/ 3200W NTU series DC-AC + AC_by pass (UPS) 1200/ 1700/ 2200/ 3200W	3 years
Square sine wave		A301/A302 series DC-AC 100/ 150/ 300/ 600/ 1000/ 1700/ 2500W	1 year

Road Map



Inverter

NRND

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

Built-in AC & Solar charger

TN-1500 / 3000 Series







NTS-250P/ 400P, NTS-300 / 450 / 750 / 1200 / 1700 / 2200 / 3200 Series

Built-in AC by_pass UPS function

NTU-1200 / 1700 / 2200 / 3200 Series



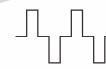


ISI-501



Remote controller





A301/2-100 / 150 / 300 / 600 / 1000 / 1700 / 2500 Series





100

200

300

500

700

1000

1500

3000

Watt

Selection Table

SUSTAINABLE DEVELOPMENT GROUP MEAN WELL

Old Generation Inverter

	Series	Output Power	DC Input Voltage	AC Output Voltage	Dimension (LxWxH)
	TS-200	200W	12Vdc 24Vdc 48Vdc		205*158*59mm
	TS-400	400W			205*157*67mm
True Sine	TS-700	700W		100/110/115/120Vac	295*184*70mm
Wave	TS-1000	1000W		200/220/230/240Vac (Adjustable output by	345*184*70mm
	TS-1500	1500W		setting bottom)	420*220*88mm
	TN-1500	1500W			420*220*88mm
	TN/TS-3000	3000W			466*283*100mm
	A30x-100	100W	12Vdc 24Vdc		170*65Ømm
Modified Sine	A30x-150	150W			165*94*69mm
Wave	A30x-300	300W		110Vac	165*88*74mm
	A30x-600	600W		230Vac	210*173*65mm
ПП	A30x-1K0	1000W		(Output Voltage not adjustable)	320*210*85mm
	A30x-1k7	1500W			455*210*85mm
	A30x-2k5	2500W			430*210*159mm

Selection Table

SUSTAINABLE DEVELOPMENT GROUP

New Generation Inverter

Installation Type	Series	Output Power	DC Input Voltage	AC Output Voltage	Built-in Fan	UPS	Dimension (LxWxH)
Built-in type (PCB type)	NTS-250P	250W	10 ~ 16.5Vdc 20 ~ 33Vdc 40 ~ 66Vdc	100/110/115/120Vac 200/220/230/240Vac (Adjustable output by DIP SW)	×	×	186*100.5*32mm
	NTS-400P	450W					186*100.5*32mm
	NTS-300	300W					210*130*55mm
	NTS-450	450W					210*130*55mm
	NTS-750	750W					270*158*67mm
	NTS-1200	1200W					345*184*67mm
	NTS-1700	1700W					400*184*67mm
External type	NTS-2200	2200W					400*270*98mm
	NTS-3200	3200W					440*270*98mm
	NT <mark>U</mark> -1200	1200W				V	345*184*67mm
	NT <mark>U</mark> -1700	1700W					400*184*67mm
	NT <mark>U</mark> -2200	2200W					400*270*98mm
	NTU-3200	3200W					440*270*98mm

New And Old Generation Comparison 3 Key Features of New Inverter









Safe

- Multiple Protections
- Global Certifications

Easy to Use

- Friendly Interface
- Intelligent Remote Control

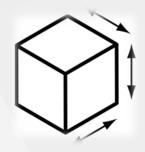
Durable

- Selected Components
- 3 Years Warranty

New And Old Generation Comparison 6 Optimizations of New Inverter















Packaging Upgrade

Size Miniaturization

Specification Upgrade

User Friendly Support Variety of Sockets

Affordable Price

Key Features of New Generation

Eco Friendly Packaging

Old Gen. — TS Series



Polyethylene(EPE)



Ink (toluene, xylene)





New Gen . — NTS/NTU Series





New And Old Generation Comparison

Dimension

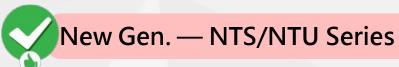
Old Gen. — TS Series



466.8*283.5*100mm

TS-3000









New Gen.		Reduced size (%)
Series	Dimension (LxWxH)	
NTS-250P/400P	186*100.5* <mark>32</mark> mm (Slim)	NA
NTS-300	210*130*55mm	-21%
NTS-450	210*130*55mm	-31%
NTS-750	270*158*67mm	-25%
NTS/NTU-1200	333*184*70mm	0%
NTS/NTU-1700	400*184*70mm	-37%
NTS/NTU-2200	400*270*98mm	NA
NTS/NTU-3200	440*270*98mm	-12%

New Inverter — NTS/NTU Series

SUSTAINABLE DEVELOPMENT CROUP MEAN WELL

Easy to use, friendly interface

Old Gen. -TS series



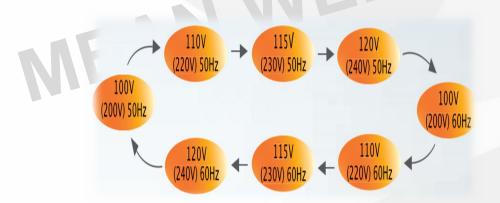
New Gen.-NTS/NTU series











	彈 性	節能		
	可自調AC電壓	可自調頻率	可選ECO節能模式	
SW1	SW2	SW3	SW4	
OFF	OFF: 100Vac or 200Vac	ON:50Hz	ON: Saving mode	
OFF	ON: 110Vac or 220Vac	311 . 33112	OIV : Saving mode	
ON	OFF: 115Vac or 230Vac	OFF: 60Hz	OFF: Non-Saving mode	
ON	ON: 120Vac or 240Va	3.1.00112	g	

New Inverter — NTS/NTU Series

Variety of Sockets

Old Gen. –TS series









New Gen.-NTS/NTU series





New And Old Generation Comparison

Key Features

Output Power



New Gen.-NTS/NTU Series



Old Gen.-TS Series

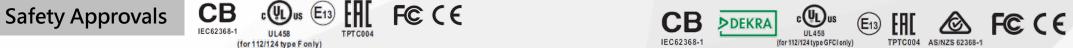
Built-in type: N/A	Built-in type: 250/400W
Standalone:	Stand-alone type:
200/400/700/1000/1500/3000W	300/ 450/ 750/ 1200/ 1700/ 2200/ 3200W

Output Power	200/ 400/ 700/ 1000/ 1500/ 3000W	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 (NTS series, by model) 8~15W (NTU series, by model)
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.

orotections	Over voltage Output : Short circuit/ Overload/ Over temp.	Battery over discharge Output: Short circuit/ Overload/ Over temp.
Multi-intelligent	Input: Reverse polarity/ DC low alarm/	Input: Reverse polarity/ DC low alarm/ Over voltag

Communication	NA	(250W/400W Built-in, Optional for other models)





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New Inverter: NTS Series

Key Features

SUSTAINABLE DEVELOPMENT GROUP MEAN WELL

- Product Family: NTS-250P / 400P/ 300/ 450/ 750/ 1200/ 1700/ 2200/ 3200
- Independent portable DC→AC intelligent inverter -12/24/48Vdc to 110Vac or 230Vac
- Pure sine wave inverter (THD < 3%)
- Design with new digital chip; the series has the features of intelligent monitoring, high efficiency, energy saving, compact size and lightweight
- Selectable AC output frequency: 100/110/115/120Vac or 200/220/230/240Vac, 50HZ or 60HZ
- Built-in ECO saving mode, and No-load power consumption < 1.2W~1.7W max. (by model)
- Built-in intelligent temperature control cooling fan
- 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 wide working temperature
- Support RS-232 protocol interface, and can be integrated with system
- Comply with international certification ,safety is guaranteed
- Suitable for lead-acid or li-ion batteries
- 3 years warranty



New Inverter: NTU Series

Key Features

SUSTAINABLE DEVELOPMENT GROUP

MEAN WELL

- Product Family: NTU-1200/ 1700/ 2200/ 3200
- Independent portable DC→AC intelligent inverter -12/24/48Vdc to 110Vac or 230Vac
- Built-in UPS function, and it allows AC mains to directly provide the energy to load (NTU = NTS + UPS)
- DC-AC pure sine wave inverter (THD<3%)
- Selectable AC output frequency: 100/110/115/120Vac, 200/220/230/240Vac, 50HZ or 60HZ
- No-load power consumption < 8W~10W max. in power saving mode
- Built-in intelligent temperature control cooling fan
- Complete intelligent protections:
 DC input— Reverse polarity/ Bat. low alarm/ Bat. low shutdown/ Over voltage
 AC output— Short circuit/ Overload/ Over temp.
- -25~+70°C wide working temperature
- Support RS-232 protocol interface, and can be integrated with system
- Comply with international certification, safety is guaranteed
- Suitable for lead-acid or li-ion batteries
- 3 years warranty



New Inverter Introduction

Intelligent · Flexible · Saving Energy



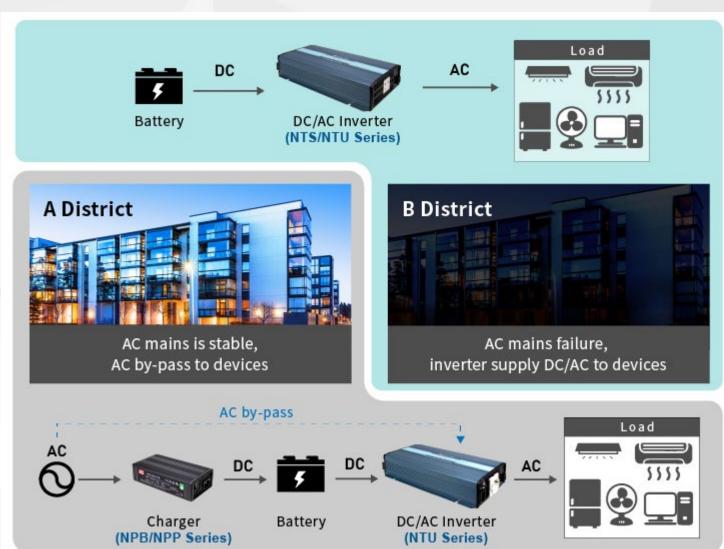


New Inverter: NTU Series

Built-in UPS Function

SUSTAINABLE DEVELOPMENT GROUP MEAN WELL

- AC grid is normal:
 AC by-pass
 Inverter to supply power
- AC power failure: Inverter DC→AC to supply power



NTU/NTS Series

Complete Intelligent Protection



DC Input Over Voltage Protection

When the DC input voltage is too high, the inverter will automatically shut down.



DC Input Battery Low Protection

When the DC input voltage is too low, the inverter will automatically shut down to avoid reducing the battery life.



DC Input

Reverse Polarity Protection

When the DC input polarity is accidentally reversed, the internal fuse of the inverter will be disconnected.



AC Output Short Circuit Protection

When the AC output is accidentally short-circuited, the inverter will automatically shut down.



AC Output Overload Protection

When the wattage of the equipment exceeds the load of the inverter, it will automatically shut down



AC Output Over Temperature Protection

When the internal temperature of the inverter is overheated, it will automatically shut down





Advantages

Good Brand Awareness

- Global well-known brand
- Transparent product information
- Complete marketing campaign/team
- Your reliable power partner

Complete Channel Service

- Global sales channel
- Global after-sales service
- Standard product in stock

Complete Product Line

Inverter:

Modified sine wave:

100~2500W

Pure sine save:

200~3200W

Charger:

30~3200W

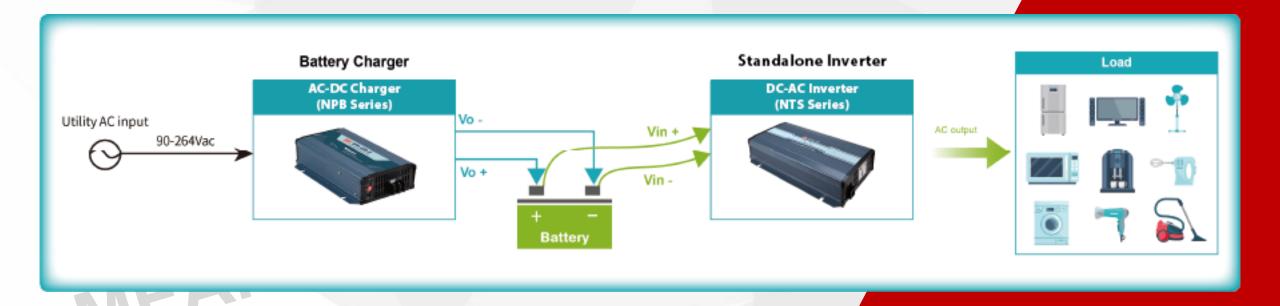
Safe and Reliable

- Safety certified to ensure safe operation
- Strict material selection, reliable operation

Application



Charger and Inverter Paired Operation



Application

NTS Series













Application

NTU Series

Fire Facilities Backup



Data Center Backup



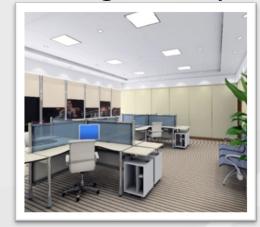




Communication System Backup



Office Power Outage Backup



AC/DC Charger & DC/AC Inverter Applications





Electric Vehicles

- EV / scooters
- Golf cart
- Skateboards
- Unicycle
- AGV



Rechargeable Power Tools

- Handheld drill
- Lawn mower
- Tapping machine
- Electric screwdriver
- Blender



Non-grid-tied Power Source

- Detached house (Appliances, lighting...)
- Vehicle (RV, ambulance, service vehicle...)
- Boat (Air conditioner, TV...)
- Medical cart (Monitor, AC outlet...)



Utility Power Backup

- Factory UPS
- Office UPS
- Household UPS
- Security/Fire alarm system

WHY MEAN WELL





More than 10,000 models, continues to introduce 10% new models and EOL 5% every year





High reliability and quality indicator Post-sales failure rate decreases by 10% each year





High cost-performance products, stable material price, complete supply chain integration



Delivery ---



24-hour delivery for small amount order.

14-day delivery for frequent purchase standard products.





MEAN WELL Group and distributors provide services 24 hours a day, and commit to reply within 24 hours



Reliable Relationship



75% of revenue come from long-term distributors and customers

