



# NW Series

## Online UPS 1~10kVA

- » 3 level Technology
- » Output PF up to 1.0
- » AC/AC efficiency up to 95%
- » High power density design
- » Comformal coating for all PCB

### High Reliable

- Wide input voltage range for higher grid adaptability
- Full DSP control for top performance
- Anti-corrosion resistant coating for all PCB boards
- Generator compatible ensure the clean power for extend power outage
- EPO function as standard for immediatly remove power from connected load for emergency
- Separate bypass, input and battery breaker for 6-10KVA big cabinet model

### Green Power:

- 3 level technology for input power factor up to 0.996, Low THDi (< 4%), decrease pollution to city power
- AC/AC efficiency up to 95% and ECO mode up to 98%, less TCO and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads

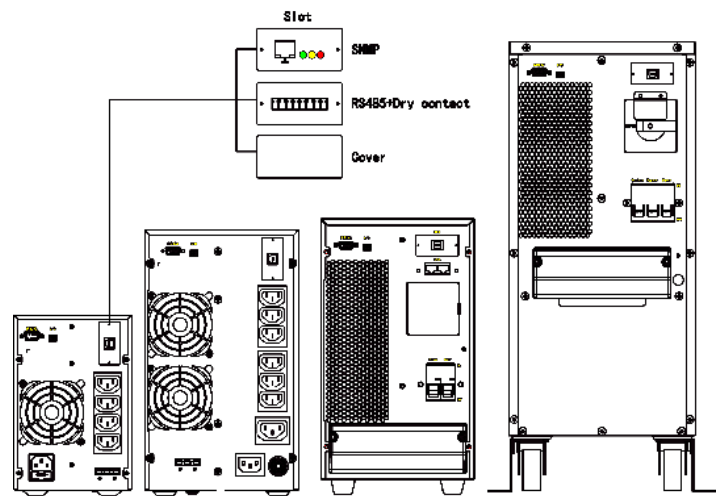
### Flexible Design:

- Multiple socket for 1-3KVA for global application
- Output voltage and ECO mode are selectable via LCD
- Input frequency range and Bypass enable by software
- 1~8A charging current settable via software (6-10KVA)
- Batteries number settable via software (16/17/18/19/20 for 6-10KVA)
- Wheel for 6-10KVA which is easy for moving

### Optional:

- SNMP/USB/dry contact slot card
- Additional 4A charger for 1-3KVA long back up
- Battery disconnection alarm
- Charging voltage temperature compensation

### Typical Applications:



### Available Socket:



**Invest With Power**

## Technical Specification:

MODEL	NW1000(L)	NW2000(L)	NW3000(L)	NW6000(L)	NW10000(L)
<b>Input</b>					
Voltage (Vac)	120~295			80~275	
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)				
Power Factor	≥0.99				
THDi at full linear load	<4%				
<b>Output</b>					
Capacity (VA)	1000	2000	3000	6000	10000
AC/AC Efficiency (Max.)	92%	93%	94%	95%	95%
Power Factor	0.9 (1.0 optional)				
Voltage (Vac)	208/220/230/240±1% (selectable on display panel)				
Frequency (Hz)	50/60±0.2% (battery mode)				
THDv	THD<2% (linear load);THD<5% (nonlinear load)			THD<1% (linear load);THD<4% (nonlinear load)	
Overload*	101%~130% load for 10 min, 131%~150% load for 1s, above 150% load for 200ms			101~105% Long run, 106~130% load for 10mins, 131~150% 30s, over 150% 500ms.	
Transfer Time	0				
Current Crest Ratio	3:1				
<b>Battery</b>					
Voltage (Standard)(Vdc)	24	48	72	192~240	
BATT Type (Standard)	2x9Ah	4x9Ah	6x9Ah	16x7Ah	16x9Ah
Voltage (Long Backup)(Vdc)	36	72	96	192~240	
BATT Type (Long Backup)	External			External 16~20 units settable	
Charger Current (A) Max.	1(Standard), 4(Long back up)			1~8 (adjustable)	
<b>Other</b>					
Communication Interface	RS232+EPO (USB,SNMP, RS485+dry contact are optional in slot)				
LCD Display	AC input & output voltage, frequency, Load level, Battery level, Temperature; AC mode, Battery mode, Bypass mode, and Fault				
Alarm	Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	<45	<48	<52	<55	
Working Temperature (°C)	-5 ~ 40				
Relative Humidity	0 ~ 95%, No condensation				
Regulatory Approvals	CE				
Dimension (WxDxH)(mm)	145x360x225	190x400x330		230x502x553(Standard) 190x422x337 (Long Backup)	
Weight(Standard) (kg)	9.2	17.7	22.9	54.5	56.2
Weight (Long Backup)(kg)	4.5	8.5	9.2	10.9	12.5

- Specification is subject to change without prior notice.
- \* Condition Comply.

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