



# U n i n t e r r u p t e d P o w e r S u p p l y ( U P S )

- 1> Low frequency pure sine wave with charger (HOME UPS). No harm to any load.
- 2> Transfer time 10ms. Computers will not shut down when mains turn off suddenly.
- 3> Digital control three stage charger, improve battery life.
- 4> Power saver function (stand by).
- 5> High power Factor 0.9-1.
- 6> Low idle current to reduce energy consumption.
- 7> Back-Feed protection.
- 8> Fault recovery.
- 9> LED display and alarm.
- 10> Remote control solution.
- 11> Display and control product running by internet (optional).
- 12> Wall mounting.



ITEM	MODEL	N-PSW1K	N-PSW2K	N-PSW3K	N-PSW4K	N-PSW5K	N-PSW6K
Capacity	VA / Watts	1KVA/1KW	2KVA/2KW	3KVA/3KW	4KVA/4KW	5KVA/5KW	6KVA/6KW
Surge rating (10s)		3KVA	6KVA	9KVA	12KVA	15KVA	18KVA
Efficiency		>95% under AC mode,>88% under DC mode					
Power factor		0.9~1.0.					
Static power capacity		Max 12W					
Input	Normal voltage	220VAC/110VAC					
	220V Voltage range	184-270V+/-4%					
	110V Voltage range	85-150V+/-4%					
	Frequency range	50Hz/60HZ -3 +5 Hz (Auto detection)					
Output	Voltage (V)	220V/110V+/-10%					
	Frequency (Hz)	50Hz/60HZ +/-0.3 Hz					
	Wave form	Pure sine wave					
	Bypass without Battery	Yes					
Transfer time		10 ms (typical)					
Overload capacity	DC Mode(SMPS load)	(110%<load<125%) ±10% for 15 minutes; (125%<load<150%) ±10% for 60s; Load>150% ±10% for 20s					
	AC Mode(SMPS load)	By breaker					
Protection	Overload	Current limit under DC mode ,Breaker under AC mode					
	Battery protection	Over charge, Over discharge,DC Breaker,Alarm					
	Over temperature	Variable speed fan,LED lighting and alarm					
	Back-Feed protection	Yes					
	Short circuit.	by breaker.Fault after 10 secs					
Battery/Charger	AC input	95-127V, 194(164)--243V					
	DC input	12VDC /24VDC or 48VDC,external battery					
	Charge voltage	for 12VDC system,Boost voltage 14-15.5V selectable for different Battery. The others are multiple					
	Charger current	12-75AMP difference for different mode					
	Charge manage	digital control,three stage charger					
Display	LED	Line On/ Inverter on / Fast Charge / Float charge / Over Temp. trip / Over load trip / Power saver on					
Audible alarm		Battery low,Battery high,Over temp. Over load,Fail,Over charge					
Optional		RS232 Communication,SNMP Net Agent,Remote Control					
Power saver		below 25W when enabled.loading checking 2 times/sec.					
Working environment	Temperature	0°C to 40°C					
	Noise	60dB max					
	Humidity	5% to 95%					
Package		Carton	Carton	Wooden box	Wooden box	Wooden box	wooden box
Package size	WxDxH (mm)	560*315*300	560*315*300	560*315*300	750*315*300	750*315*300	750*315*300
Gross weight(kg)		22	24	45	61	63	65