



# Power Supplies & UPS

## On-Line UPS

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



- ON-LINE UPS - 1kva, 2kva, 3kva
- CPU controlled smart UPS
- Green Mode Function, Line Fault Detection
- Output Short Circuit Protection
- True RS232 Interface via dual communication port
- Power stage designed with high frequency DC\_AC Isolation
- Input power factor correction
- Patents of built-in circuits, outlook and software
- CNS, CE (EN55022),UL (FCC class A) approved

- Configuration from serial port and http web browser.
- Management from SNNP manager and http web browser.
- Support shutdown programs for multiple operation system- Windows 95,NetWare and UNIX.
- Upgrade from TFTP server and serial port.
- Scheduling function to control UPS.
- History log and statistic log for further tracing.
- UPS shutdown warning broadcast by http.
- UPS event notice by pager.

### Output

Frequency : 50Hz/60Hz (Auto Tracking)

Voltage Regulation : ±3%

Overload Capability : Sustaining at least 50 seconds at 105% load, immediate response at 150% load

### Efficiency

AC to AC : >83%

### Net Weight (kgs)

Without Battery : 15 kg With Internal Battery : 7.5 kg

### Environment

Temperature : 0°C ~ 40°C

Humidity : 0% ~ 95% (non-condensing)

Dimension : W x D x H (mm)152x400x220

Part No.	Product No.	Description	Output Waveform	Convert Time	communcion	Size
14063	S1010-220-220	Off Line UPS-1KVA UPS IN:220V OUT:220V	50Hz/60Hz(auto t racking)	Line fails or recovers:0 UPS to BYPASS:<4 milli seconds	RS232	152*400*220(mm)



### AC INPUT

AC Input Capacity on Battery: 1000VA  
 AC Input Voltage: (+/-) 25% at line input  
 AC Input Frequency: 50 or 60 Hz +/- 5% (auto sensing)

### AC OUTPUT

AC Output Voltage: Pure sine wave at +/-5% of nominal, -10% of nominal after low battery warning  
 AC Output Frequency: 50 or 60 Hz +/- 0.5%  
 AC Output Voltage: Regulation AVR automatically increase output voltage 15% above input vo-25% of nominal.  
 AVR decrease output voltage 15% below input voltage if +9% to +25% of nominal

### PROTECTION

Protection Overload: UPS automatic shutdown if overload exceeds 110% nominal at 20 sec and  
 Protection Unit: Fuse for 110V models (600VA~2500VA) and 220V models (under 1250VA), bre model (3000VA) and 220V models (above 1500VA)

Protection Transfer Time: 2/4 milliseconds (typical), including detection time

Protection Short Protection: UPS output cut off immediately or input fuse( or breaker) protection

### PHYSICAL

Physical Weight kgs Tower: 15

Physical Weight lbs Tower: (33.0lb)

Physical Weight lbs RM: N/A

Physical Dimension mm Tower: 140x436x210

Physical Dimension inch Tower: 5.5

### ENVIRONMENT

Environment Ambient: 3,500 meters max. elevation, 0-95% humidity non-condensing, 0-48 deg

Environment Audible: <40dBA (1 meter from surface)

Environment Storage Condition: 15,000 meters max. elevation

ShowOrder: 30

Part No.	Product No.	Description	Output Waveform	Convert Time	Size
16117	SMK-1000A-LED	Off Line UPS -1000VA	Sine Wave 220V+/-5%	2/4 ms(Include Testing Time)	140(W)*445(D)*200(H)mm



### AC INPUT

AC Input Voltage : 100V : 76V~130V 110V : 80V~138V 115V : 83.5V~140V 120V : 87V~140V 208V : 152V~260V 220V : 160V~276V 230V : 167V~280V 240V : 174V~280V

AC Input Frequency : 50Hz or 60Hz +/- 3Hz

### AC OUTPUT

AC Output Frequency : 50Hz/60Hz (Auto detection)  
 AC Output Voltage : 100/110/115/120V or 208/220/230/240V  
 AC Output Voltage Regulation : +/-2 % (+/- 1% particular country)  
 AC Output Frequency stability : +/-0.5 %  
 AC Output Overload detection : 105% for 10 seconds and 130% ± 10% for 300ms

### ENVIROMENT

Environment Temperature : 0 deg C~40 deg C

Environment Humidity : 0%~95% (Non condensing)

### PHYSICAL

Physical Weight kgs Tower : 18  
 Physical Weight lbs Tower : (39.6 lb)  
 Physical Dimension mm Tower : 145 x 400 x 220  
 Physical Dimension inch Tower : (5.7" x 15.7" x 8.7")

### EFFICIENCY

Efficiency : >85%

Part No.	Product No.	Description	Output Waveform	Convert Time	Size
21727	ULT-1500	Off Line UPS -1500VA	Wave Filter	0ms	145(W)*400(D)*220(H)mm



### AC INPUT

Rating voltage: 110V  
 Voltage range: 80V~138V (fully loaded) ; 65V~80V (70%load)

### DC OUTPUT

Voltage & stability: 110V±2%

### ENVIRONMENT

Operating temperature: 0~40°C

Safety: UL/C-UL

Part No.	Product No.	Description	Output Waveform	communcion	Size
20167	UPS-N1KV	Off Line UPS -1000VA	Sine Wave	RS232	140x363x242(mm)

