

# UN11 Series High Frequency Online UPS

1/2/3kVA 1Phase Input/1Phase Output



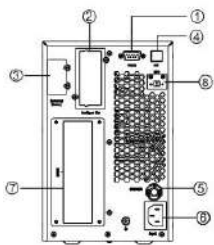
## Application

IDC(Internet Dater Center), network, servers and workstations, control system, communication system, office, PC

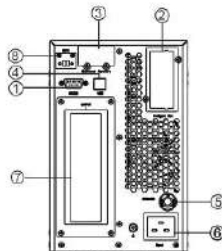
## Features

- ◆ True online double-conversion technology
- ◆ Wide input voltage range and stable power supply extends battery lifetime
- ◆ DSP technology
- ◆ Advanced PFC technology, input PF>99%
- ◆ Cold start
- ◆ Automatic battery charging on/off mode
- ◆ Lighting and surge protection
- ◆ LCD
- ◆ Smart RS232 port with monitoring software
- ◆ Smart slot for mission critical applications

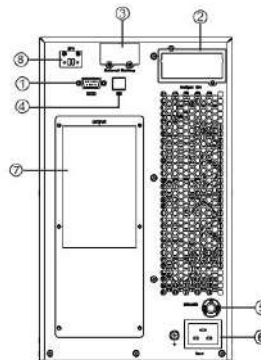
## Real Panel



1KS(L)



2KS(48Vdc)/2KL/3KL



2KS(72Vdc)/3KS

- ① RS232
- ② Smart slot
- ③ External battery connection port
- ④ USB

- ⑤ Input over current breaker
- ⑥ AC input
- ⑦ Output socket
- ⑧ EOP

CONTACT US



SCAN ME

## Specification

Model	UN1101KS	UN1101KL	UN1102KS	UN1102KL	UN1103KS	UN1103KL										
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW											
<b>Input</b>																
Voltage	208/ 220/230/240Vac, L+N+PE															
Voltage Range	110~300Vac															
Frequency Range	40-70Hz															
Power Factor	≥0.99															
THDi	≤4% (Linear load); ≤5% (Non-linear load)															
<b>Output</b>																
Voltage	208/220/230/240Vac ,L+N+PE															
Voltage Regulation	±1%															
Frequency	50/60Hz ± 0.1%															
THDu	≤2% (Linear load) ; ≤5% (Non-linear load)															
Transfer Time	Line mode to battery mode, 0ms; Inverter mode to bypass mode ,4ms															
Waveform	Pure Sine Wave															
Overlord Capacity	<table style="width:100%; border:none;"> <tr> <td style="width:50%; text-align:center;">Line Mode:</td> <td style="width:50%; text-align:center;">Battery Mode:</td> </tr> <tr> <td style="text-align:center;">30min@102%~110% load</td> <td style="text-align:center;">1min@102%~110% load</td> </tr> <tr> <td style="text-align:center;">10min@110%~130% load</td> <td style="text-align:center;">10s@110%~130% load</td> </tr> <tr> <td style="text-align:center;">30s@130%~150% load</td> <td style="text-align:center;">3s@130%~150% load</td> </tr> <tr> <td style="text-align:center;">200ms@&gt;150% load</td> <td style="text-align:center;">200ms@&gt;150% load</td> </tr> </table>						Line Mode:	Battery Mode:	30min@102%~110% load	1min@102%~110% load	10min@110%~130% load	10s@110%~130% load	30s@130%~150% load	3s@130%~150% load	200ms@>150% load	200ms@>150% load
Line Mode:	Battery Mode:															
30min@102%~110% load	1min@102%~110% load															
10min@110%~130% load	10s@110%~130% load															
30s@130%~150% load	3s@130%~150% load															
200ms@>150% load	200ms@>150% load															
Crest Factor	3:1															
<b>Efficiency</b>																
Line Mode	94.5%		95.5%		95.5%											
Battery Mode	87.5%@24Vdc	88.5%	89.5%@48Vdc	91.5%	91.5%											
	88.5%@36Vdc		91.5%@72Vdc													
ECO Mode	98%															
<b>Battery</b>																
Battery Voltage	24/36Vdc	36Vdc	48/72Vdc	72Vdc	72/96Vdc	96Vdc										
Battery Number	12V 9AH*2/3pcs	External	12V 9AH*4/6pcs	External	12V 9AH*6/8pcs	External										
Rated Charge	1A	1-12A settable	1A	1-12A settable	1A	1-12A settable										
<b>Communication</b>																
Interface	RS232 / SNMP card (optional) / USB Port /AS400 (optional)															
<b>Environment</b>																
Operation Temperature	0~40°C															
Humidity	0~95% (non-condensing)															
Audible Noise	≤50dB															
Altitude	The altitude should not exceed 1000m,and the height above 1000m should be reduced to a maximum of 4000m.Refer to IEC62040															
<b>Physics</b>																
Dimensions (W*D*H)mm	145x282x224(24Vdc)	145x282x224	145x405x224(48Vdc)	145x405x224	190X418x322	145x405x224										
	145x405x224(36Vdc)		190*418*322(72Vdc)													
Weight (kg)	8.6/10	4	15.6/18.5	6.4	22.5/25	8.2										

All specification are subject to change without prior notice.

# UN11 Series High Frequency Online UPS

6/10kVA 1Phase Input/1Phase Output



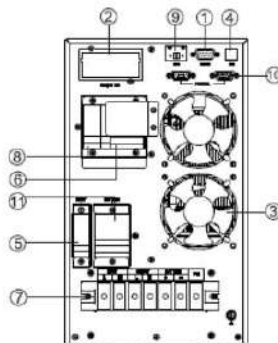
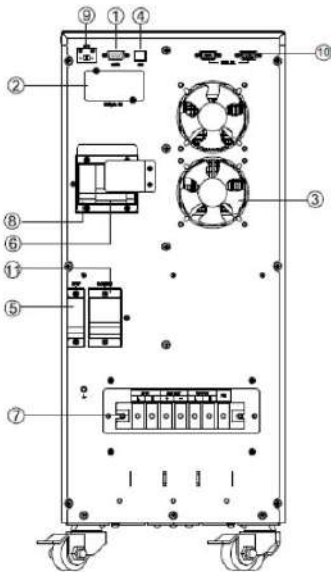
## Feature

- ◆ True online double-conversion technology
- ◆ Wide input voltage range and stable power supply extends battery lifetime
- ◆ DSP based technology
- ◆ Advanced PFC technology, input PF>99%
- ◆ Cold start
- ◆ Automatic battery charging on/off mode
- ◆ Lighting and surge protection
- ◆ LCD/LED display
- ◆ Support generator connection
- ◆ Smart slot for mission critical applications

## Application

IDC(Internet Dater Center), network, servers and workstations, control system, communication system, office , PC etc

## Real Panel



- ① RS232
- ② Smart slot (optional)
- ③ Fan
- ④ USB
- ⑤ Input breaker
- ⑥ Maintenance bypass switch (optional)
- ⑦ Terminal block
- ⑧ Output breaker (optional)
- ⑨ EPO
- ⑩ Parallel kit (optional)

CONTACT US



SCAN ME

## Specification

Model	UN1106KS	UN1106KL	UN1110KS	UN1110KL										
<b>Input</b>														
Nominal Voltage	208/ 220/230/240Vac, L+N+PE													
Voltage Range	110~300Vac													
Frequency	40-70Hz													
Power factor	≥0.99													
THDi	≤5%(Linear load); ≤8%(Non-linear load)													
<b>Output</b>														
Nominal Voltage	208/220/230/240Vac, L+N+PE													
Voltage Regulation	±1%													
Frequency	50/60Hz±0.1%													
THDu	≤2% THD (Linear Load) ; ≤5% THD (Non-linear Load)													
Transfer time	Line mode to battery mode, 0ms, Inverter mode to bypass mode, 4ms													
Crest Ratio	3:1													
Overload Capacity	<table border="0"> <tr> <td>Line Mode:</td> <td>Battery Mode:</td> </tr> <tr> <td>30min @102%~105% Load</td> <td>10min @102%~105% Load</td> </tr> <tr> <td>10min @105%~125% Load</td> <td>1min @105%~125% Load</td> </tr> <tr> <td>30s @125%~150% Load</td> <td>10s @125%~150% Load</td> </tr> <tr> <td>500ms @&gt;150% Load</td> <td>500ms @&gt;150% Load</td> </tr> </table>				Line Mode:	Battery Mode:	30min @102%~105% Load	10min @102%~105% Load	10min @105%~125% Load	1min @105%~125% Load	30s @125%~150% Load	10s @125%~150% Load	500ms @>150% Load	500ms @>150% Load
Line Mode:	Battery Mode:													
30min @102%~105% Load	10min @102%~105% Load													
10min @105%~125% Load	1min @105%~125% Load													
30s @125%~150% Load	10s @125%~150% Load													
500ms @>150% Load	500ms @>150% Load													
<b>Battery</b>														
Battery Type	Sealed lead acid maintenance free													
Voltage	192Vdc / 240Vdc													
Battery Number	12V 7Ah*16/20pcs	External	12V 9Ah*16/20pcs	External										
Charge Current	1A (1-12A settable)	1-12A settable	1A (1-12A settable)	1-12A settable										
Charging Mode	Two/Three-period Charging													
<b>Efficiency</b>														
Line Mode	95%													
Battery Mode	94.5%													
ECO Mode	98%													
<b>Communication</b>														
Interface	RS232 / SNMP card (optional) / USB Port / AS400 (optional)													
<b>Environment</b>														
Operation Temperature	0~40°C													
Humidity	0~95% (non-condensing)													
Audible Noise	≤50dB													
Altitude	The altitude should not exceed 1000m, and the height above 1000m													
<b>Physical</b>														
Dimension (W*D*H) mm	250*523*602	190*437*322	250*523*602	190*437*322										
Weight (kg)	68/75.8	15	75/84.2	17										

All specifications are subject to change without prior notice.