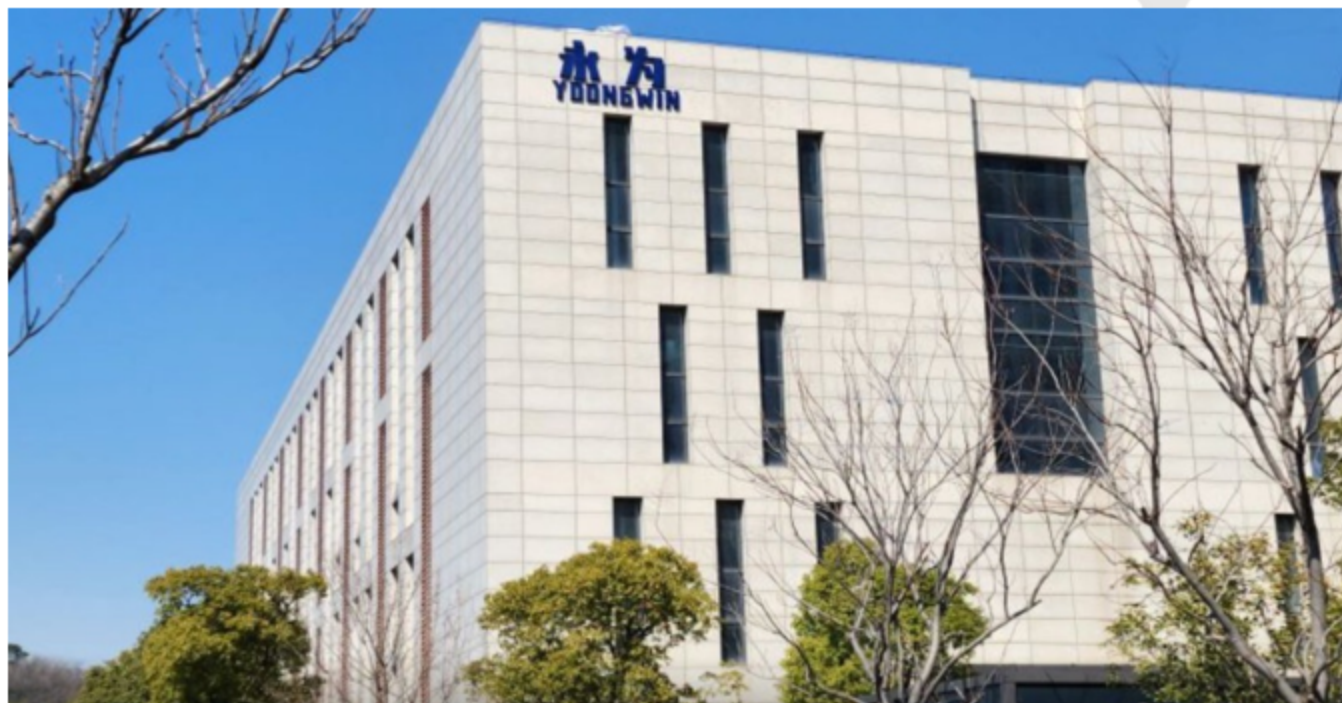




Nanjing YoongWinSituationAwarenessTechnology Co., Ltd.

INNOVATION  COLLABORATION





YOONGWIN

01 Company Introduction

Nanjing Yoong Win Situation Awareness Technology Co., Ltd., a wholly-owned subsidiary of Yoong Win Group, has implemented the Group's strategic layout and business policy of "expanding & optimizing domestic market ecosystem and competing for global market through independent innovation" since 2019. Leveraging Group advantages in technology, application scenarios, and management, it has adopted effective measures including R&D, overseas expansion, internal reform, and investment optimization, acquiring over 1,000 IP rights. This not only maintains the Group's edge in technology/database/achievements updating, but also promptly applies R&D outcomes to subsidiary operations, winning market recognition, expanding market share, and generating significant social & economic value.

As of December 2024, the Group boasts 9 national high-tech enterprises, 5 above-scale enterprises, and 1 provincial specialized-new enterprise pending approval, awarded "Nanjing Gazelle Enterprise" for three consecutive years since 2022. With 28 direct branches, total investment of RMB 215 million, and R&D investment of RMB 180 million in recent three years, Yoong Win Group achieved total sales of RMB 700 million in 2023, which was replicated by October 2024.





Automated Assembly Line

SMT
贴片



SMT 生产线



自动化
流水线



自动化流水线





HQ-G series

Single input single output high frequency online UPS



Front



Back

model	HQ10G(L)	HQ20G(L)	HQ30G(L)	HQ60G(L)	HQ110G(L)
capacity	1kVA	2kVA	3kVA	6kVA	10kVA
import					
voltage range	110~300Vac @ 50% load; 160~280Vac @ 100% load			110~300Vac @ 50% load;	
frequency range	40Hz~70 Hz			40Hz~54 Hz @ 50Hz system; 56Hz~64	
power factor	≥ 0.99@ 100% load				
output					
output voltage	200/208/220/230/240Vac			208/220/230/240Vac	
voltage accuracy	± 1%				
Frequency range (synchronization range)		47Hz~53Hz or 57Hz~63Hz		40Hz~54Hz or 56Hz~64Hz	
Frequency range (battery mode)		50 Hz±0.25 Hz or 60Hz±0.3 Hz		50 Hz±0.1 Hz or 60Hz±0.1 Hz	
overload capacity	105%~110%: 10 minutes; 110%~130%: 1 minute; >130%: 1 second				
power factor	0.8			Standard 0.8 (optional 1)	
Peak current ratio	3:1				
Voltage waveform distortion		≤ 3% @ 100% linear load; ≤ 6% @ 100% nonlinear load			≤ 3% @ 100% linear load; ≤ 5% @ 100%
switching period	A battery for mains electricity	0 ms			
	Invert a bypass	<4 ms		0ms	
productiveness					
inverter mode	>88%		>89%	>90%	>92% >93%
cell					
Standard machine	Battery model	12V/7Ah			
	Number of batteries	2	4	6	Preset 16 (adjustable from 16 to 20)
	charging current	1A			Preset: 1A; maximum value: 2A
Long delay machine	charging voltage	27.7Vdc±1%	54.7 Vdc±1%	82.0 Vdc±1%	218.4 Vdc±1%
	Number of batteries	2	4	6	Default 16 (adjustable from 16 to 20)
	charging current	1A/2A/4A/6A			1A/2A/4A/6A (6A is only applicable)
	charging voltage	27.7 Vdc±1%	54.7Vdc±1%	82.0 Vdc±1%	218.4 Vdc±1%
size					
Standard machine	Depth x width x height (mm)	282×145×220	397×145×220	421×190×318	369×190×688 442×190×688
	net weight (kg)	9.8	17	27.6	61 66
Long extension machine	Depth x width x height (mm)	282×145×220	397×145×220	369×190×318	442×190×318
	net weight (kg)	4.1	6.8	7.4	12 16
ambient condition					
Java runtime environment Java		Relative humidity 20~95% and temperature 0~40°C (no			Relative humidity 0~95% and
noise		<50dB (A) @ 1 m			<55 dB (A) @ 1 m
manage					
Intelligent RS-232 or USB		Support Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC			
Select S N M P		Support power management by SNMP administrator and web browser			

performance index



HQ-G series

Three-in-one single-out high-frequency online UPS



Yuanxin

Yongxin Solar

model	BQ3110GL	BQ3115GL	BQ3120GL
capacity	10kVA	15kVA	20kVA
input			
rated voltage	380Vac (3 phases + N)		
voltage range	190 Vac~520 Vac @ 50% load; 305 Vac~478Vac @ 100% load		
frequency range	46Hz~54 Hz @ 50Hz system; 56Hz~64 Hz@60Hz system		
power factor	≥0.99@100% load		
output			
output voltage	208/220/230/240Vac		
voltage accuracy	± 1%		
Frequency range (synchronization range)	46~54 Hz or 56Hz~64 Hz		
Frequency range (battery mode)	50 Hz±0.1Hz or 60Hz±0.1Hz		
power factor	Standard 0.8 (optional 0.9)		
Peak-to-peak current ratio	3:1		
City power mode	105%~110%: 10 minutes; 110%~130%: 1 minute;>130%: 1		
Battery mode	105%~110%: 30 seconds; 110%~130%: 10 seconds;>130%: 1		
Voltage waveform distortion	≤ 2%@100% linear load, ≤ 5%@100% nonlinear load		
switching period	A battery for mains electricity	0ms	
	Invert a bypass	0ms	
productiveness			
Inverter mode	≥93%		≥92%
cell			
Standard machine	Number of batteries	16 sections preset (16~20 sections adjustable)	
	Battery life	9 hours to 90% capacity	
	charging current	1A	2A
	charging voltage	218.4Vdc ± 1%	
Long delay machine	Number of batteries	Default 16 sections (16 to 20 adjustable)	
	charging current	4A (optional 8A)	
	charging voltage	218.4 Vdc ± 1%	
	noise		
Standard machine	Depth x width x height (mm)	592×250×576	815×250×826
	net weight (kg)	83	164
Long delay machine	Depth x width x height (mm)	592×250×576	
	net weight (kg)	28	40
ambient condition			
Java runtime environment Java	Relative humidity 0-95% and temperature 0-40°C (no		
noise	<60 dB (A) @ 1 m		
manage			
Intelligent RS-232 or USB	Support Windows®2000/2003/XP/Vista/2008, Windows®7/8.		
Select S N M P	Support power management by SNMP administrator and web		

performance index



HQ-GR series

Single input and single output high frequency online rack UPS



model	HQ10GR(L)	HQ20GR(L)	HQ30GR(L)	HQ60GR(L)	HQ110GR(L)
capacity	10kVA	20kVA	30kVA	60kVA	110kVA
input					
voltage range	110~300 Vac@50 load; 160~280 Vac@100 load			110~300Vac@50 load; 175~300	
frequency range	40Hz~70 Hz			40Hz~54 Hz @50Hz system; 50Hz~64	
power factor	≥0.99@100% load				
output					
output voltage	200/208/220/230/240Vac			208/220/230/240Vac	
voltage accuracy	±1%				
Frequency range (synchronization range)	47Hz~53 Hz or 57Hz~63 Hz			40Hz~54Hz or 50Hz~64Hz	
Frequency range (battery mode)	50 Hz±0.25 Hz or 60Hz±0.3 Hz			50 Hz±0.1 Hz or 60Hz±0.1 Hz	
overload capacity	105%~110%: 10 minutes; 110%~130%: 1 minute;>130%: 3			100%~110%: 30 minutes; 110%~130%	
power factor	0.8				
Peak current ratio	3.01				
Voltage waveform distortion	≤3% @100% linear load; ≤5% @100% nonlinear load			≤3% @100% linear load; ≤5% @100%	
Waveform (battery mode)	pure sine wave				
charging-over	A battery for mains electricity	0ms			
Time inverter  bypass	≤4 ms			0 ms	
productiveness					
Inverter mode	≥88%	≥89%	≥90%	≥92%	≥93%
cell					
Standard machine	Battery model	12V/7Ah			
	Number of batteries	2	4	6	Preset 16 (adjustable from 16 to 20)
	charging current	1A			Preset: 1A; maximum value: 2A
	charging voltage	27.7Vdc±1%	54.7 Vdc±1%	82.0 Vdc±1%	218.4 Vdc±1%
Long delay machine	Number of batteries	3	4	8	Default 16 (adjustable from 16 to 20)
	charging current	1A/2A/4A/6A			1A/2A/4A/6A (6A is only applicable)
	charging voltage	41.0Vdc±1%	54.7Vdc±1%	109.4Vdc±1%	218.4 Vdc±1%
	charging voltage	41.0Vdc±1%			
Standard machine	Depth x width x height (mm)	110×482.6×88	110×482.6×88	110×482.6×88	Host: 110×482.6×88 (2U) Host: 110×482.6×133 (3U) Battery box: 660×482.6 x 88 (2U) Battery box
	net weight (kg)	12	19	29.3	Host: 15; Battery box: 48 Host: 18; Battery box: 61
Long delay machine	Depth x width x height (mm)	110×482.6×88	110×482.6×88	110×482.6×88	110×482.6×133(3U)
	net weight (kg)	9	12	14.2	15 18
ambient condition					
Java runtime environment Java		Relative humidity 20~95% and temperature 0~40°C (no			Relative humidity 0~95% and
noise		≤50dB (A) @1 m			≤58 dB (A) @1 m
management					
Intelligent RS-232 or USB		Support Windows®/2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC			
Select SNMP		Support power management by SNMP administrator and web browser			



HQ-GR series

Three-in-one single-out high-frequency online rack UPS



model	HQ3110GR(L)		HQ3115GR(L)	HQ3120GR(L)
capacity	10kVA		15kVA	20kVA
import				
rated voltage	380Vac (3 phases + N)			
voltage range	190 Vac~520 Vac @ 50% load; 305 Vac~478Vac @ 100% load			
frequency range	60Hz~54 Hz @ 50Hz system; 56Hz~64 Hz @ 60Hz system			
power factor	≥0.99@ 100% load			
output				
output voltage	208/220/230/240Vac			
voltage accuracy	± 1%			
Frequency range (synchronization range)	60Hz~54Hz or 56Hz~64 Hz			
Frequency range (battery mode)	50 Hz±0.1Hz or 60Hz±0.1Hz			
power factor	Standard 0.8 (optional 0.9)			
Peak current ratio	3:1			
Voltage waveform distortion	≤ 2% @ 100% linear load; ≤ 5% @ 100% nonlinear load			
overload	City power mode	105%~110%: 10 minutes; 110%~130%: 1 minute;>130%: 1		
ability	Battery mode	105%~110%: 30 seconds; 110%~130%: 10 seconds;>130%: 1		
switching period	A battery for mains electricity	0 ms		
	Invert a bypass	0 ms		
productiveness				
Inverter mode	≥90%			
cell				
Standard machine	Battery model	12V/7 Ah		
	Number of batteries	16 sections preset (16 to 20 adjustable)	Presets 2x16 sections (16~20 sections adjustable)	
	charging current	1A ± 10%	2A ± 10%	
	charging voltage	218.4Vdc ± 1%		
Long delay machine	Number of batteries	Default 16 sections (16 to 20 adjustable)		
	charging current	4A ± 10%		
	charging voltage	218.4Vdc ± 1%		
	characteristic			
Standard machine	Depth x width x height (mm)	UPS host: 668x482.6 x 133 [3U] Battery box: 580 x 482.6 x 133 [3U]	UPS host: 668 x 482.6 x 266[6U]; battery box: 580 x 482.6 x 133[3U] x 2 pcs	
	net weight (kg)	UPS host: 22; battery box: 63	UPS host: 45; battery box: 63 x 2 pcs	
	Depth x width x height (mm)	668 × 482.6 × 133[3U]668 × 482.6 × 266[6U]		
	net weight (kg)	2245		
ambient condition				
Java runtime environment Java	Relative humidity 0-95% and temperature 0-40°C (no			
noise	<60 dB (A) @ 1 m<65 dB (A) @ 1 m			
message				
Intelligent RS-232 or USB	Support Windows®/2000/2003/XP/Vista/2008/7/8, Linux and			
Select S N M P	Support power management by SNMP administrator and web			

performance index



HQ-GRL (H) series

Three-in-one single-out high-frequency online rack UPS



performance index



model	HQ3110GRL(H)	HQ3115GRL(H)	HQ3120GRL(H)	HQ3125GRL(H)	HQ3130GRL(H)
capacity	10kVA	15kVA	20kVA	25kVA	30kVA
input					
rated voltage	380/400/415Vac (3 phases + N)				
voltage range	190 Vac~520 Vac @ 50% load; 30% Vac~478Vac @ 100% load				
frequency range	40Hz~70 Hz				
power factor	>= 0.99@100% load;>= 0.98@50% load				
output					
output voltage	220/230/240Vac				
voltage accuracy	±1%				
Voltage waveform distortion	THDu ≤ 2% (100% linear load); THDu ≤ 4% (non-linear load)				
power factor	1 0.9				
Frequency range (synchronization range)	± 0.5Hz, ± 1Hz, ± 2Hz, ± 3Hz (settable)				
Frequency range (battery mode)	50 Hz±0.1 Hz or 60Hz±0.1 Hz				
Peak-to-peak current ratio	3:1				
overload capacity	100%~110% rated load: 60 minutes; 110%~125% rated load: 10 minutes;>125% rated load: 1 minute				
A battery for mains electricity	0ms				
Change ** side road	0ms				
contravariant *ECO	<2ms				
productiveness					
Inverter mode	≥99%				
ECO pattern	≥99%				
cell					
Battery model	It varies according to the use				
Number of batteries	Default 32 sections; 30~44 (±15~±22) sections (adjustable)				
charging current	Capacity * 15%/N/12 (N= ±15~22)				
charging voltage	±13.65Vdc*N±1%(N=±15~22)				
physical characteristics					
Depth x width x height (mm)	735×482.6×130(3U); 580×482.6×175(4U)				
net weight (kg)	33	35	38	40	42
ambient condition					
working temperature	0~40°C (battery life is shortened in an environment>25°C)				
relative humidity	No condensation from 0 to 95%				
above sea level	No reduction for 1000 meters, and 1% reduction for every 100 meters above 1000 meters				
noise	Less than 60dB (A) @ 1m				
manage					
Intelligent RS-232/RS-485	Support Windows®2000/2003/XP/Vista/2008, Windows®7/8/10, Linux and MAC				
Select S N M P	Support power management by SNMP administrator and web browser				

performance index



HP-GRL series

High frequency online rack UPS with three in and three out



model	HP1000GRL	HP1500GRL	HP2000GRL	HP2500GRL	HP3000GRL
capacity	10kVA	15kVA	20kVA	25kVA	30kVA
Main road input					
rated voltage	380/400/415Vac (3 phases + N)				
voltage range	304Vac~478Vac (line voltage) full load; 304Vac~228Vac (line voltage) load is linearly reduced from 100%				
frequency range	40Hz ~ 70Hz				
power factor	≥ 0.99@ 100% load; ≥ 0.98@ 50% load				
Current harmonic components	THDi <3% (100% linear load); THDi <5% (100% non-linear load)				
Inverter output					
output voltage	380/400/415Vac				
voltage accuracy	±1%@ balance load; ±5%@ unbalance load				
Voltage waveform distortion	THDu ≤ 2% (100% linear load); THDu ≤ 4% (non-linear load)				
power factor	1 0.9				
Frequency range (synchronization range)	Default: ±2Hz; ±0.5Hz, ±1Hz, ±3Hz (settable)				
Frequency range (battery mode)	50 Hz±0.1 Hz or 60Hz±0.1 Hz				
overload capacity	<105%, long term; <110%,60 minutes; 110~125% rated load, carrying load for 10 minutes; >125~150% rated				
Peak current ratio	3.01				
A battery for mains electricity	0 ms				
Change the reverse path	0 ms				
contaminant ECHO	<2 ms				
productiveness					
Inverter mode	≥99%				
ECHO pattern	≥99%				
cell					
Battery model	It varies according to the use				
Number of batteries	Default 32 sections; 30~44 (±15~±22) sections (adjustable)				
charging current	Capacity * 15%/N/12 (N= ±15~22)				
charging voltage	±13.65Vdc*N±1%(N=±15~22)				
physical characteristics					
Depth x width x height (mm)	735×482.6×1303(U); 580×482.6×1754(L)				
net weight (kg)	37	39	42	44	46
ambient condition					
working temperature	0~40°C (battery life is shortened in an environment >25°C)				
relative humidity	No condensation from 0 to 95%				
above sea level	No reduction for 1000 meters, and 1% reduction for every 100 meters above 1000 meters				
noise	Less than 60dB (A) @ 1m				
management					
Intelligent RS-232 RS-485	Support Windows®/2000/2003/XP/Vista/2008, Windows®/7/8/10, Linux and MAC				
Select S N M P	Support power management by SNMP administrator and web browser				



HP-G (S) series

High frequency online UPS with three inlets and three outlets



model	HP1000GS	HP1500GS	HP2000GS	HP3000GS
capacity	10kVA	15kVA	20kVA	30kVA
Main road input				
rated voltage	380Vac (3 phases + N)			
voltage range	304Vac~478Vac (line voltage) full load; 304Vac~228Vac (line voltage) load is linearly			
frequency range	40Hz ~ 70Hz			
power factor	≥ 0.99@ 100% load; ≥ 0.98@ 50% load			
Current harmonic components	THDi<3% (100% linear load); THDi<5% (100% non-linear load)			
Inverter output				
output voltage	380/400/415Vac			
voltage accuracy	± 1% @ balance load; ± 5% @ unbalance load			
Voltage waveform distortion	THDu ≤ 2% (100% linear load); THDu ≤ 4% (non-linear load)			
power factor	1 0.9			
Frequency range (synchronization range)	Default ± 2Hz; ± 0.5Hz; ± 1Hz; ± 3Hz (settable)			
Frequency range (battery mode)	50 Hz± 0.1 Hz or 60Hz± 0.1 Hz			
overload capacity	<105%, long term; <110%, 60 minutes; 110~125% rated load, 10 minutes on			
Peak-to-peak current ratio	3:1			
switching period	A battery for mains electricity	0ms		
	Invert a bypass	0ms		
	Inverter ECO	<2 ms		
productiveness				
Inverter mode	≥ 95%			
ECO pattern	≥ 99%			
cell				
Battery model	It varies according to the use			
Number of batteries	Default 32 sections; 30~44 (± 15~± 22) sections (adjustable)			
charging current	Capacity * 15%/N/12 (N= ± 15~22)			
charging voltage	± 13.65Vdc*N ± 1% (N= ± 15~22)			
physical characteristics				
Depth x width x height (mm)	685× 280× 725			
net weight (kg)	49	50	51	52
ambient condition				
working temperature	0~40°C (battery life is shortened in an environment > 25°C)			
relative humidity	No condensation from 0 to 95%			
above sea level	No reduction for 1000 meters, and 1% reduction for every 100 meters above 1000			
noise	Less than 60dB (A) @ 1m			
usage				
Intelligent RS-232/RS-485	Supports Windows®/2000/2003/XP/Vista/2008, Windows®/7/8/10, Linux and MAC			
Select S/N/M/P	Support power management by SNMP administrator and web browser			

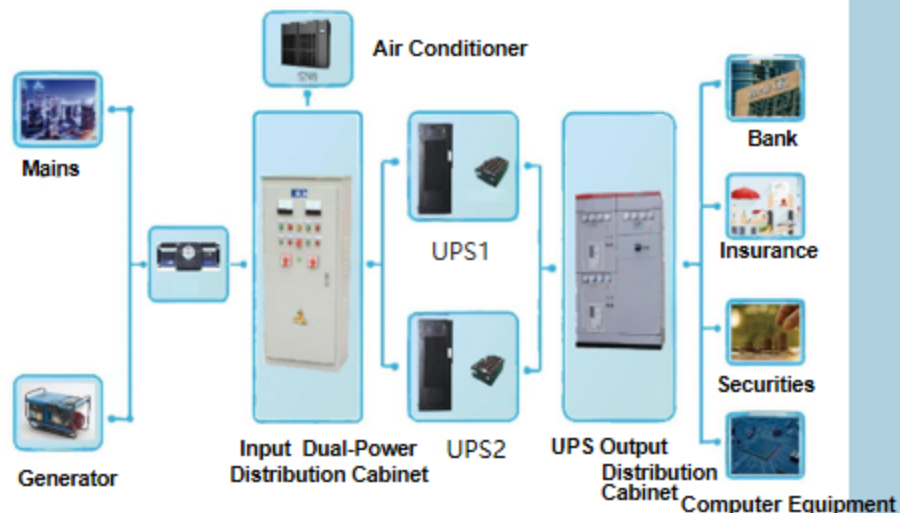


HP-G series

High frequency online UPS with three in and three out



model	HP1000G	HP2000G	HP3000G	HP4000G	HP5000G	HP6000G	HP8000G	HP9000G
capacity	10KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA	90KVA
Main road input								
rated voltage	380VAc (3 phases + N)							
voltage range	304VAc~478VAc (line voltage) full load, 304VAc~228VAc (line voltage) load is linearly reduced from 100% to 80%							
frequency range	50Hz~70 Hz							
power factor	≥ 0.99@ 100% load, ≥ 0.98@ 50% load							
Current harmonic components	THDi < 3% (100% linear load), THDi < 5% (100% nonlinear load)							
Inverter output								
output voltage	380/400/415VAc (3 phases + N); 220/230/240VAc (single phase + N)							
voltage accuracy	± 1% @ balanced load, ± 5% @ unbalanced load							
Voltage waveform distortion	THDu ≤ 2% (100% linear load), THDu ≤ 4% (non-linear load)							
power factor	0.9 (optional 1)							
Frequency range (synchronization range)	Default: ± 2Hz (settable), ± 0.5Hz, ± 1Hz, ± 3Hz (settable)							
Frequency range (battery mode)	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz							
overload capacity	<105%, long term; <110%, 60 minutes; 110~125% rated load, 10 minutes on load; >125~150% rated load, 1 minute on							
Peak current ratio	3:1 (maximum)							
switching period	A battery for mains electricity	0 ms						
	Invert a bypass	1 ms (phase locking failure, <2ms interruption occurs)						
	Inverter ECO	<2 ms						
Efficiency								
Inverter mode	≥99%							
ECO pattern	≥99%							
cell								
Battery model	It varies according to the use							
Number of batteries	Default 32 sections; 30~44 (± 15~± 22) sections (adjustable)							
charging current	Capacity * 15%/N/12 (N= ± 15~22)							
charging voltage	± 13.6Vdc*N ± 1%(N= ± 15~22)							
Physical characteristics								
Depth x width x height (mm)	700 x 425 x 1200							
net weight (kg)	116	141	166					
ambient condition								
working temperature	0~40°C (battery life is shortened in an environment > 25°C)							
relative humidity	No condensation from 0 to 95%							
above sea level	No reduction for 1000 meters, and 1% reduction for every 100 meters above 1000 meters							
noise	Less than 60dB (A) @ 1m							
management								
Intelligent RS-232/RS-485	Support Windows*2000/2003/XP/Vista/2008, Windows®7/8/10, Linux and MAC							
Select SNMP	Support power management by SNMP administrator and web browser							



model		HP10000G	HP12000G	HP15000G	HP20000G
capacity		100kVA	120kVA	150kVA	200kVA
Main road input					
rated voltage		380Vac (3 phases + N)			
voltage range		304Vac~478Vac (line voltage) full load; 304Vac~228Vac (line voltage) load is linearly			
frequency range		40Hz~70Hz			
power factor		≥0.99@100% load; ≥0.98@50% load			
Current harmonic components		THDi <3% (100% linear load); THDi <5% (100% non-linear load)			
Inverter output					
output voltage		380/400/415Vac (3 phase + N); 220/230/240Vac (single phase + N)			
voltage accuracy		The balanced load is less than ±1% and the unbalanced load is less than ±5%			
Voltage waveform distortion		THDu ≤ 2% (100% linear load); THDu ≤ 4% (non-linear load)			
power factor		0.9 (optional 1)			
Frequency range (synchronization range)		Default ±2Hz; ±0.5Hz, ±1Hz, ±3Hz (settable)			
Frequency range (battery mode)		50 Hz±0.1 Hz or 60Hz±0.1 Hz			
overload capacity		<105%, long-term; <110%, 60 minutes; 110~125% rated load, 10 minutes; >125~150%			
Peak-to-peak current ratio		3:1 (maximum)			
switching period	A battery for mains electricity	0 ms			
	Invert a bypass	1ms (phase locking failure, <2ms interruption occurs)			
	Reverse one E C O	<2 ms			
productiveness					
Inverter mode		≥ 95%			
ECO pattern		≥ 99%			
cell					
Battery model		It varies according to the use			
Number of batteries		Default 32 sections; 30~44 (±15~±22) sections (adjustable)			
charging current		Capacity * 15%/N/12 (N= ± 15~22)			
charging voltage		±13.65Vdc*N±1%(N= ±15~22)			
physical characteristics					
Depth x width x height (mm)		800×600×1600	900×600×2000	900×600×2000	
net weight (kg)		230	360	460	
ambient condition					
working temperature		0~40°C (battery life is shortened in an environment >25°C)			
relative humidity		No condensation from 0 to 95%			
above sea level		No reduction for 1000 meters, and 1% reduction for every 100 meters above 1000			
noise		Less than 65dB (A) @ 1m			
manage					
Intelligent RS-232/RS-485		Support Windows*2000/2003/XP/Vista/2008, WindowsR 7/8/10, Linux and MAC			
Select S N M P		Support power management by SNMP administrator and web browser			



Cases



2008 Summer Olympics



The 2010 Asian Games



BRICS Xiamen Summit



Cases



Laos National Television (LNTV)
Channel 3 System Upgrade



China-Russia East-Route
Natural Gas Pipeline



The Galkynysh Gas Field



Cases



Afghanistan Oil Field



Guinea Radio and Television
Center



Turkmenistan Bagdady



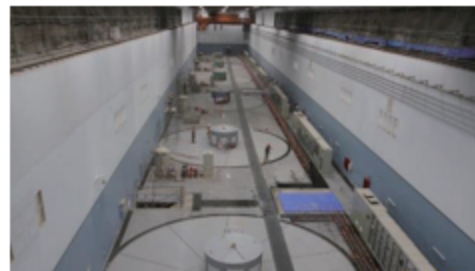
Cases



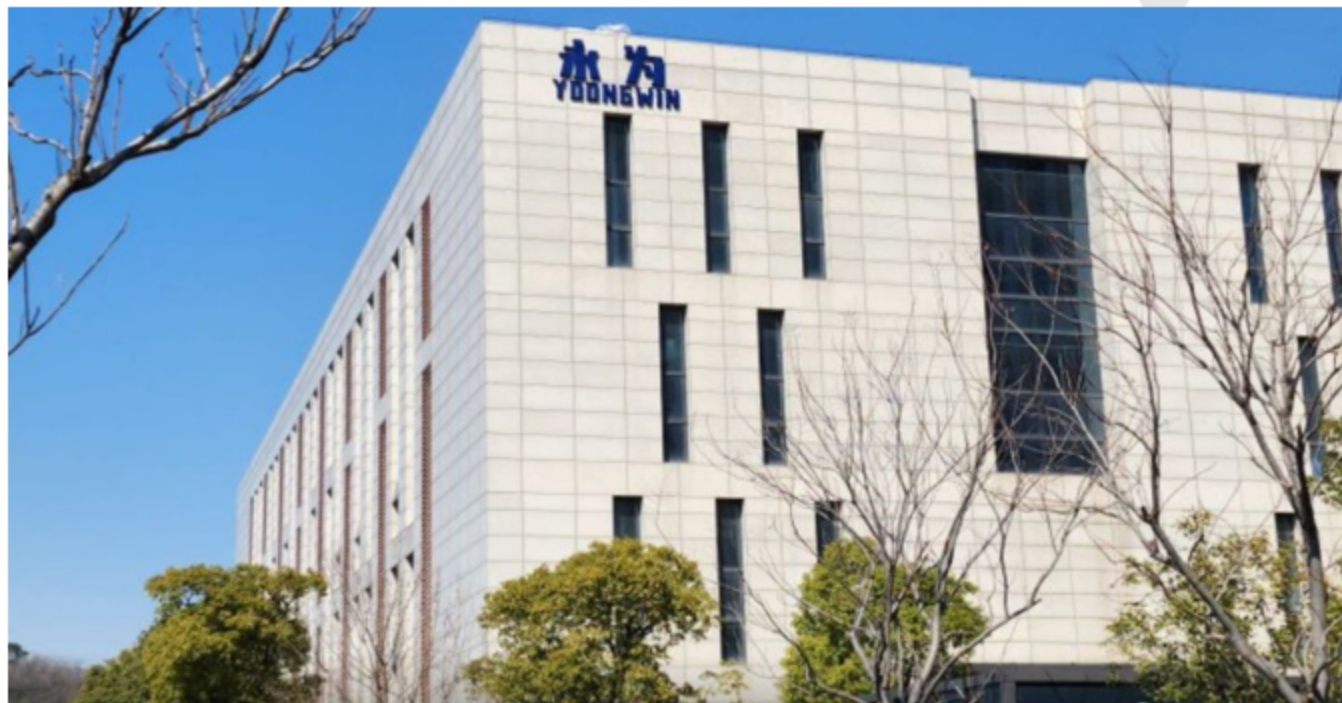
Ecuador Mirador Copper Mine



Morocco Noor Solar Power
Station



Uganda Karuma Hydropower



THANK YOU

INNOVATION  COLLABORATION

