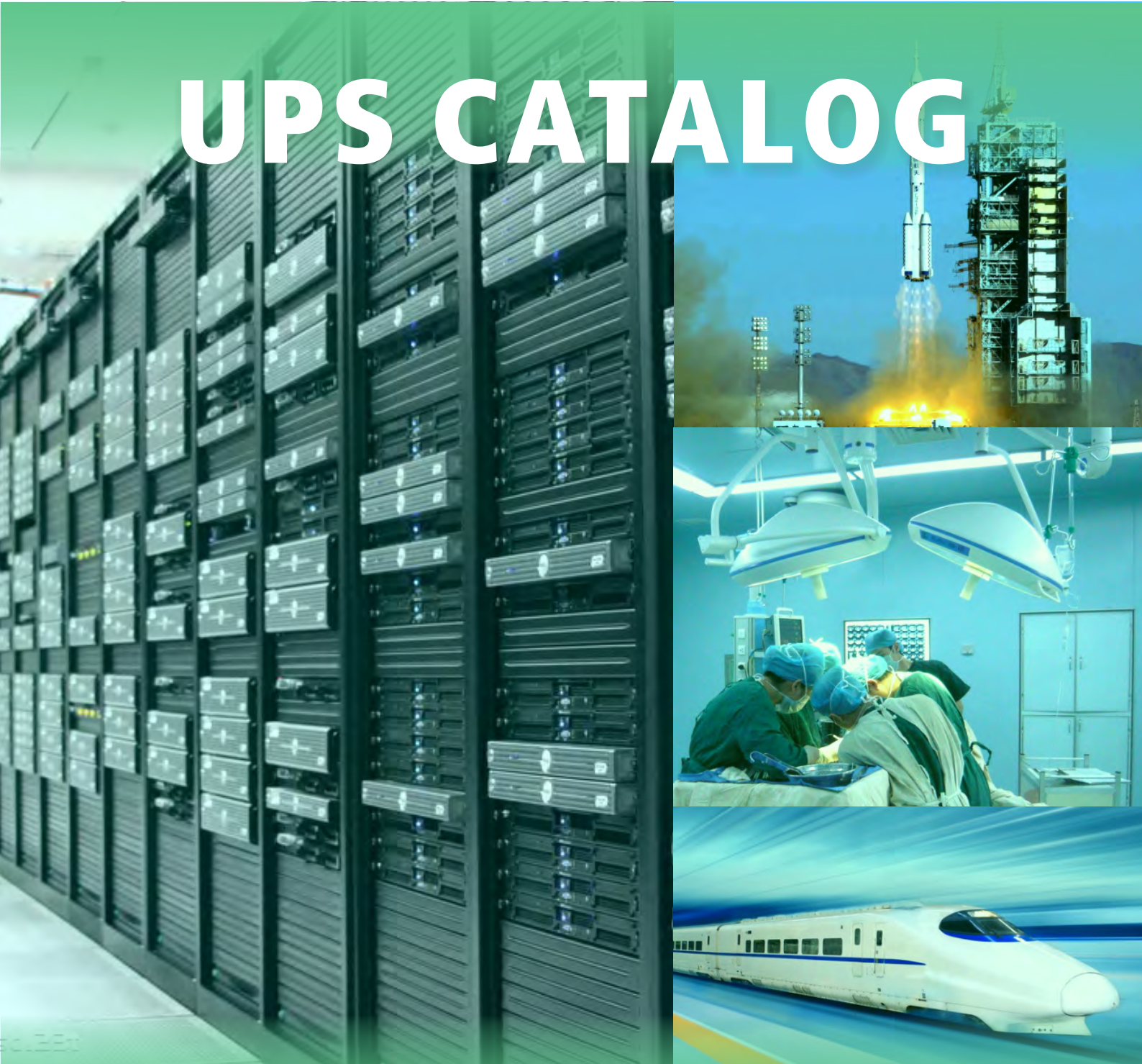


EVEREXCEED - THE UPS GREAT WALL!

UPS CATALOG



Company Profile

01

About Us

As a global specialist in energy management with operations on six continents, EverExceed Corporation develops, designs, and manufactures products to provide safe, reliable power solutions worldwide.



EverExceed corporation has three manufacturing plants and two research & development centers, allowing our products be available and enjoy technical support all over the world.

EverExceed now offers a full range of lead acid batteries (network & motive power) and Nickel Cadmium batteries covering a wide range of applications from sophisticated telecommunications, uninterruptible power supplies, AGV to emergency lighting and security applications, and offers a full range of Monocrystalline, Polycrystalline Solar Modules combined with PWM/MPPT solar controllers, Grid-off/Grid-tied inverter covering a wide range of applications from sophisticated telecommunications, Power Electricity, Remote Area Electricity applications, in addition to a full power protection line of uninterruptible power supplies, automated voltage regulators, industrial chargers (high frequency, SCR rectifiers). Our vast, growing and fully integrated company is dedicated to producing world-class quality and more cost-saving products in our state-of-the-art manufacturing facilities around the world.

As an industrial group with worldwide activities, EverExceed's staff are working in its worldwide



modern manufacturing facilities which always draw on a wealth of international experiences and knowledge to produce highest world-class quality, reliable industrial batteries, uninterruptible power supplies, automated voltage regulators, industrial transformers & inverters, rectifiers. The continuing installation of most modern production equipments in the world makes continuous product improvement possible.

Following globalization strategy, EverExceed is becoming an important vendor of global network & motive power and power protection products, solar energy in the industry. EverExceed's products have been applied in over 50 countries and regions including the United States, Canada, United Kingdom, Italy, France, Austria, Belgium, Turkey, Greece, Thailand, Spain, Mexico, Egypt, Sri Lanka, Pakistan, Indonesia, Australia etc. With its strong penetration into international markets, EverExceed corporation will continue its high-speed development in the coming years and be well placed to take full advantage of these opportunities and challenges to keep up on steady growth.

02

Our Mission

Supply worldwide reliable power solutions with continuous innovative technologies.



03

Our Values

Every staff is equal in personality and dignity. Mutual respect and understanding are advocated. Enterprising spirit and initiative are encouraged.



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PowerLead2 Series Online UPS (HV: 1-3KVA)

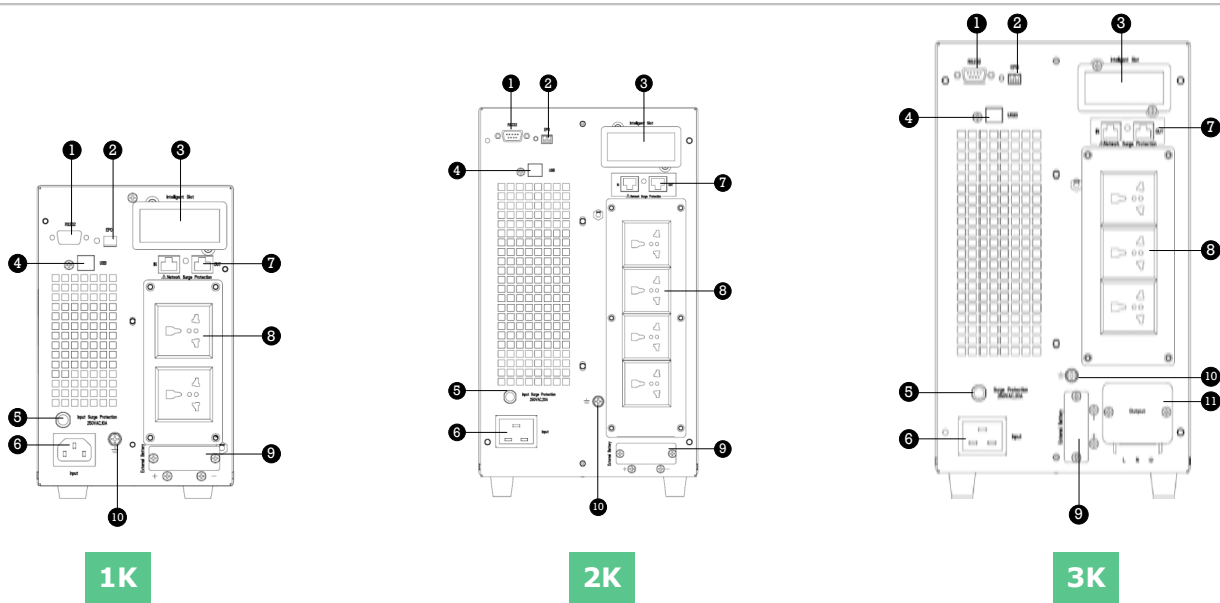
1:1 phase



Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology.

Rear Panel



- 1K**
- (1) RS-232 communication port, DB9 type
 - (2) EPO. Short to activate
 - (3) Intelligent slot
 - (4) USB port. B type

- 2K**
- (5) Input surge protection slot.
 - (6) Input socket. 1KVA: IEC C14, 2K/3K: IEC C20
 - (7) Network surge protection
 - (8) Output Socket

- 3K**
- (9) External battery port. Optional for standard model
 - (10) Battery ground
 - (11) Output terminal

Technical data

Model (HV)	PL2 1K	PL2 1KL	PL2 2K	PL2 2KL	PL2 3K	PL2 3KL
Capacity	1KVA/0.9KW		2KVA/1.8KW		3KVA/2.7KW	

INPUT

Acceptable Input voltage	50%-125%(220V/230V/240V)					
Phase	Single phase in, single phase out					
Input Power Factor	≥0.97					
Input Frequency Range	40Hz-70Hz					
Frequency Adaptable	Settable					

OUTPUT

Output PF	0.9					
Normal Output Voltage	220V/230V/240VAC					
Voltage Regulation	±1%					
THDu	≤1.5% THD, liner load; ≤5%THD,no-linear load					

SYSTEM

Battery Number	12V*7AH*3PCS	External Battery	12V*7AH*6PCS	External Battery	12V*7AH*8PCS	External Battery
Battery Voltage	36VDC		72VDC		96VDC	
Efficiency	88%(line mode), 94%(ECO mode), 85%(battery mode)		91%(line mode), 96%(ECO mode), 88%(battery mode)			
Overload Capability (inverter mode)	105~130%: transfer to bypass after 1mins					
	150%: transfer to bypass after 30s					
Overload Capability (battery mode)	105%~130%: shutdown after 10s					
	150%: shutdown after 5s					
Crest Ratio	3:1					
Display	LED+LCD					
Communication Interface	RS232, SNMP/Dry Contact/USB/Surge Protection (Optional)					
W*D*H (mm)	144*353*222		190*374*336		190*426*336	
Net Weight (KG)	12	6	21	10.5	25.6	11.5

PowerLead2 Series

Online UPS (LV: 0.8-2KVA)

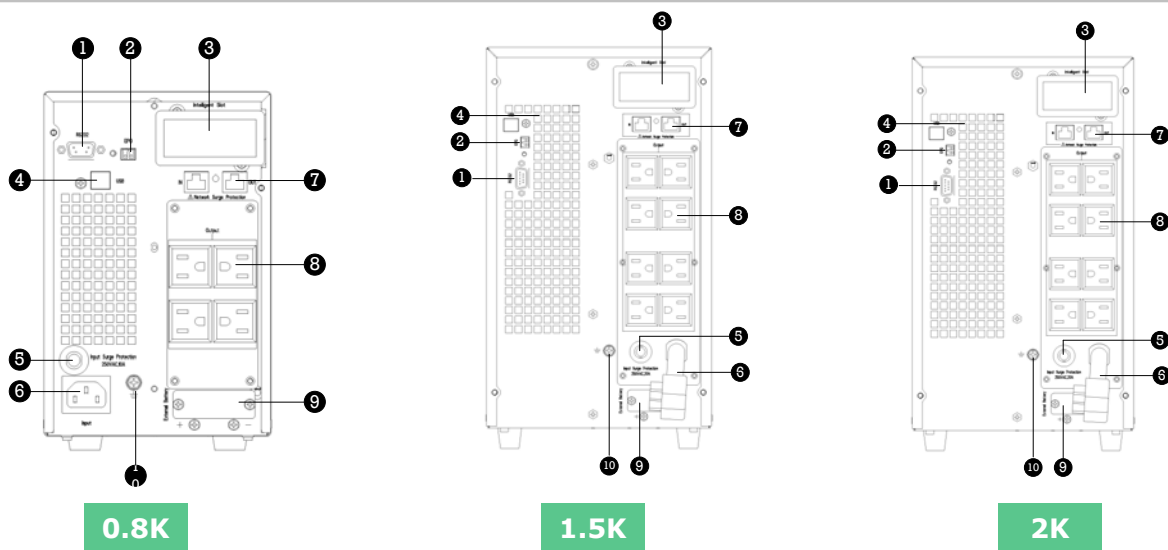
1:1 phase



Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology.

Rear Panel



- (1) RS-232 communication port (DB9 type)
- (2) EPO. Short to activate
- (3) Intelligent slot
- (4) USB port. B type (Option)
- (5) Input surge protection slot

- (6) Input socket.
(0.8KVA: IEC C14;
1.5kVA/2kVA: NEMA 6-20P)
- (7) Network surge protection
- (8) Output Socket
(0.8kVA: 4*NEMA;
1.5kVA/2kVA: 8*NEMA)

- (9) External battery port.
(Optional for standard model)
- (10) Battery ground

Technical data

Model (LV)	PL2 800	PL2 800L	PL2 1500	PL2 1500L	PL2 2000	PL2 2000L
Capacity	800VA/720W		1500VA/1350W		2000VA/1800W	

INPUT

Acceptable Input voltage	50%-125%(110V/115V/120V/127VAC)
Phase	Single phase in, single phase out
Input Power Factor	≥0.97
Input Frequency Range	40Hz-70Hz
Frequency Adaptable	Settable

OUTPUT

Output PF	0.9
Normal Output Voltage	110V/115V/120V/127VAC
Voltage Regulation	±1%
THDu	≤1% THD, liner load; ≤5%THD,no-linear load

SYSTEM

Battery Number	12V*7AH*3PCS	External Battery	12V*7AH*6PCS	External Battery	12V*7AH*8PCS	External Battery
Battery Voltage	36VDC		72VDC		96VDC	
Efficiency	88%(line mode),94%(ECO mode),87%(battery mode)		91%(line mode),98%(ECO mode),90%(battery mode)			
Overload Capability (inverter mode)	105%~130%: transfer to bypass after 1mins					
	150%: transfer to bypass after 30s					
Overload Capability (battery mode)	105%~130%: shutdown after 10s					
	150%: shutdown after 5s					
Crest Ratio	3:1					
Display	LED+LCD					
Communication Interface	RS232, SNMP/Dry Contact/USB/Surge Protection (Optional)					
W*D*H (mm)	144*354*228		190*376*336		190*428*336	
Net Weight (KG)	12	6	21	10.5	25.6	11.5

PowerLead2 Series Online UPS (HV: 6-20KVA)

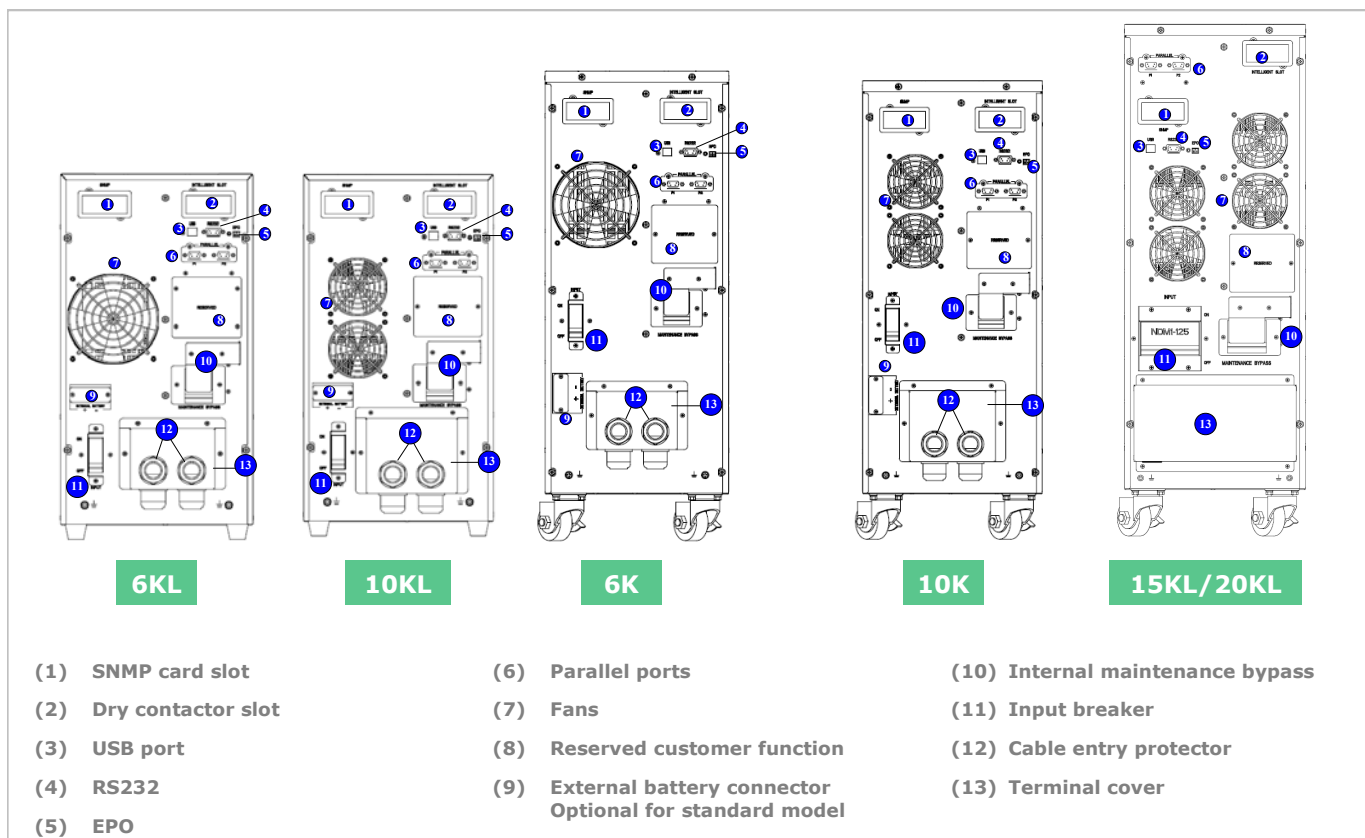
1:1 phase



Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology;
- Parallel function.

Rear Panel



Technical data

Model (HV)	PL2 6K	PL2 6KL	PL2 10K	PL2 10KL	PL2 15KL	PL2 20KL
Capacity	6KVA/5.4KW		10KVA/9KW		15KVA/13.5KW	20KVA/18KW

INPUT

Acceptable Input voltage	50%-125%(220V/230V/240VAC)					
Phase	Single phase in, single phase out					
Input Power Factor	≥0.99					
Input Frequency Range	40Hz-70Hz					
Frequency Adaptable	Settable					

OUTPUT

Output PF	0.9					
Normal Output Voltage	220V/230V/240VAC					
Voltage Regulation	±1%					
THDu	≤1% THD, liner load; ≤5%THD,no-linear load					

SYSTEM

Battery Number	12V*7AH* 16PCS	16PCS	12V*7AH* 16PCS	16PCS		
Battery Voltage	192VDC					
Efficiency	94%(line mode),99%(ECO mode),92%(battery mode)					
Overload Capability (inverter mode)	110%: transfer to bypass after 10minutes					
	130%: transfer to bypass after 1minutes					
	150%: transfer to bypass 30s,shutdown the bypass after 1 minutes					
Overload Capability (battery mode)	110%: shutdown after 10minutes					
	125%: shutdown after 10s					
	> 125%: shutdown after 1s					
Crest Ratio	3:1					
Display	LED+LCD					
Communication Interface	RS232,SNMP/Dry Contact /USB/Parallel Kits (Optional)					
W*D*H (mm)	250*526*645	250*526*480	250*526*645	250*526*480	250*544*705	
Net Weight (KG)	58	17	64.5	19	33	33

PowerLead2 Series

Online UPS (LV: 4-12KVA)

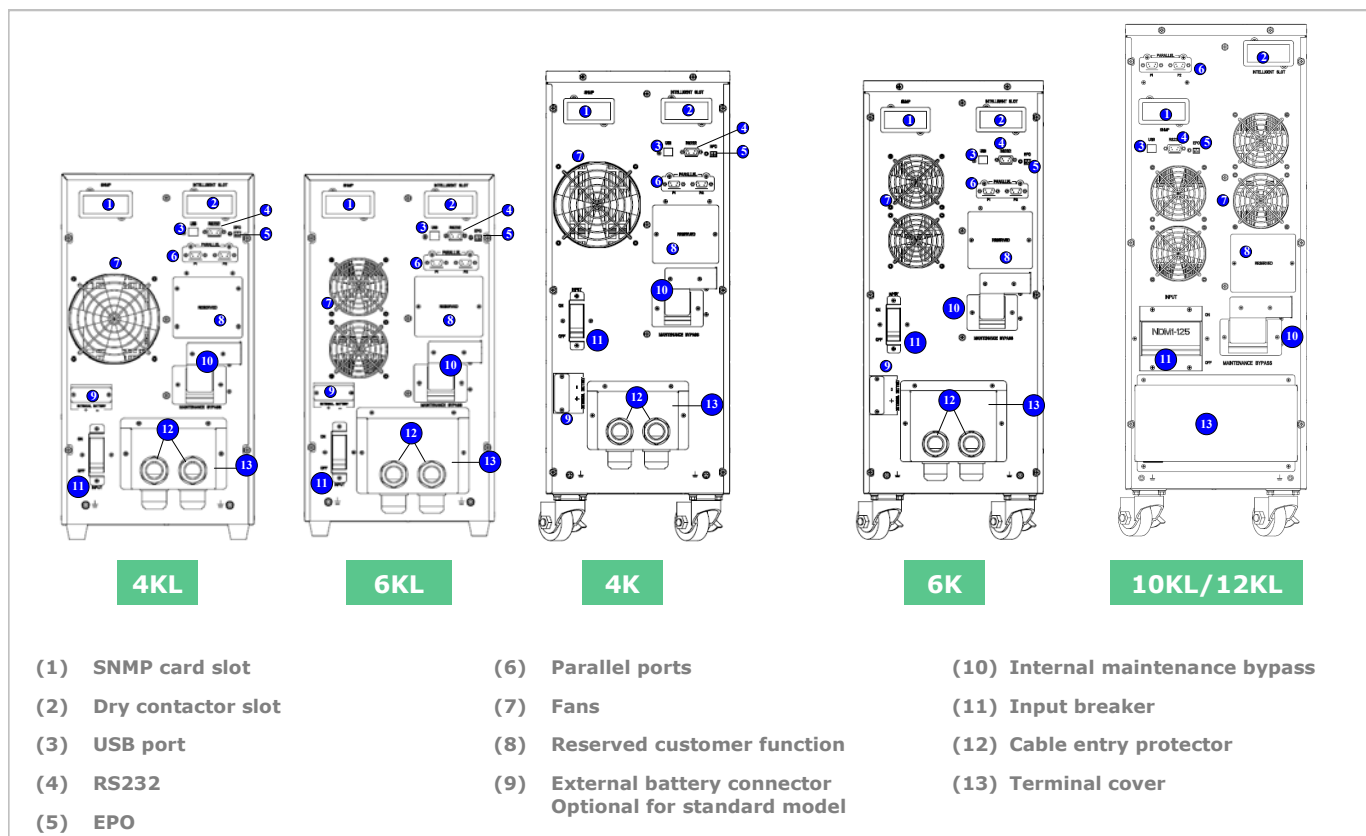
1:1 phase



Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology;
- Parallel function.

Rear Panel



Technical data

Model (LV)	PL2 4K	PL2 4KL	PL2 6K	PL2 6KL	PL2 10KL	PL2 12KL
Capacity	4KVA/3.2KW		6KVA/4.8KW		10KVA/8KW	12KVA/9.6KW

INPUT

Acceptable Input voltage	50%-125%(110V/115V/120V/127VAC)					
Phase	Single phase in, single phase out					
Input Power Factor	≥0.97					
Input Frequency Range	40Hz-70Hz					
Frequency Adaptable	Settable					

OUTPUT

Output PF	0.8					
Normal Output Voltage	110V/115V/120V/127VAC					
Voltage Regulation	±1%					
THDu	≤1.5% THD, liner load; ≤5%THD,no-linear load					

SYSTEM

Battery Number	12V*7AH* 16PCS	16PCS	12V*7AH* 16PCS	16PCS		
Battery Voltage	192VDC					
Efficiency	89%(line mode),98%(ECO mode),88%(battery mode)					
Overload Capability (inverter mode)	110%: transfer to bypass after 10minutes					
	130%: transfer to bypass after 1minutes					
	150%: transfer to bypass 30s,shutdown the bypass after 1 minutes					
Overload Capability (battery mode)	110%: shutdown after 10minutes					
	125%: shutdown after 10s					
	> 125%: shutdown after 1s					
Crest Ratio	3:1					
Display	LED+LCD					
Communication Interface	RS232,SNMP/Dry Contact /USB/Parallel Kits (Optional)					
W*D*H (mm)	250*526*645	250*526*480	250*526*645	250*526*480	250*544*705	
Net Weight (KG)	58	17	64.5	19	33	33

PowerLead2 3P Series Online UPS (HV: 10-20KVA)

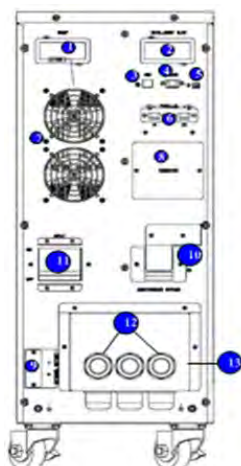
3:1 phase



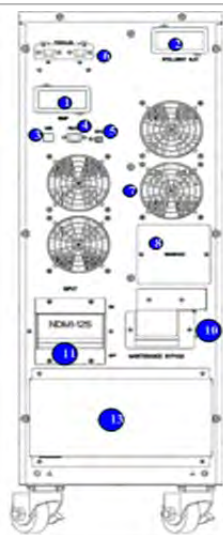
Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology;
- Parallel function.

Rear Panel



10KL



15KL/20KL

- (1) SNMP card slot
- (2) Dry contactor slot
- (3) USB port
- (4) RS232
- (5) EPO

- (6) Parallel ports
- (7) Fans
- (8) Reserved customer function
- (9) External battery connector. Optional for standard model

- (10) Internal maintenance bypass
- (11) Input breaker
- (12) Cable entry protector
- (13) Terminal cover

Technical data

Model (HV)	PL2 3P10KL	PL2 3P15KL	PL2 3P20KL
Capacity	10KVA/9KW	15KVA/13.5KW	20KVA/18KW

INPUT

Acceptable Input Voltage	50%-125%(380V/400V/415VAC)		
Phase	Three phase in, single phase out		
Input Power Factor	≥0.95		
Input Frequency Range	40Hz-70Hz		
Frequency Adaptable	Settable		

OUTPUT

Output PF	0.9		
Normal Voltage	220V/230V/240VAC		
Voltage Regulation	±1%		
THDu	≤1% THD, liner load; ≤5%THD,no-linear load		

SYSTEM

Battery Number	16PCS		
Battery Voltage	192VDC		
Efficiency	94%(line mode),99%(ECO mode),92%(battery mode)		
Overload Capability (inverter mode)	110%: transfer to bypass after 10minutes		
	130%: Transfer to bypass after 1minutes		
	150%: Transfer to bypass 30s,shutdown after 1 minutes		
Overload Capability (battery mode)	110%: shutdown after 10minutes		
	125%: shutdown after 10s		
	> 125%: shutdown after 1s		
Crest Ratio	3: 1		
Display	LED+LCD		
Communication Interface	RS232,SNMP/Dry Contact /USB/Parallel Kits (Optional)		
W*D*H (mm)	250*526*645	250*544*705	250*544*705
Net Weight (KG)	25	33	33

PowerLead2 3P Series Online UPS (LV: 6-12KVA)

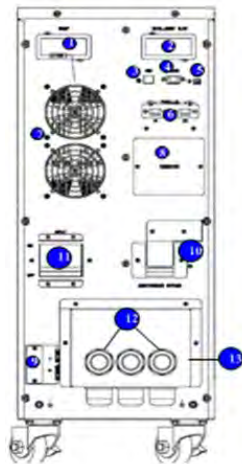
3:1 phase



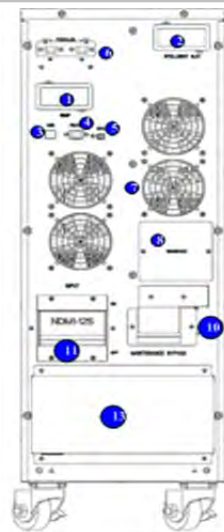
Features

- Wide input voltage range;
- Cold start;
- Advanced battery management;
- Automatic battery charging on/ off mode;
- Lighting and surge protection;
- Automatic fan speed adjustment;
- Complete protection function;
- Network/fax/modem surge protection;
- LCD/LED display option;
- EMI/RFI noise filter;
- Smart RS232 port with monitoring software;
- PFC technology;
- Parallel function.

Rear Panel



6KL



10KL/12KL

- | | | |
|------------------------|--|----------------------------------|
| (1) SNMP card slot | (6) Parallel ports | (10) Internal maintenance bypass |
| (2) Dry contactor slot | (7) Fans | (11) Input breaker |
| (3) USB port | (8) Reserved customer function | (12) Cable entry protector |
| (4) RS232 | (9) External battery connector.
Optional for standard model | (13) Terminal cover |
| (5) EPO | | |

Technical data

Model (LV)	PL2 3P6KL	PL2 3P10KL	PL2 3P12KL
Capacity	6KVA/4.8KW	10KVA/8KW	12KVA/9.6KW

INPUT

Acceptable Input Voltage	50%-125%(220V/230V/240VAC)
Phase	Three phase in, single phase out
Input Power Factor	≥0.98
Input Frequency Range	40Hz-70Hz
Frequency Adaptable	Settable

OUTPUT

Output PF	0.8
Normal Voltage	110V/120V/127VAC
Voltage Regulation	±1%
THDu	≤1.5% THD, liner load; ≤5%THD,no-linear load

SYSTEM

Battery Number	16PCS		
Battery Voltage	192VDC		
Efficiency	89%(line mode), 98%(ECO mode), 90%(battery mode)		
Overload Capability (inverter mode)	130%: transfer to bypass after 1minutes		
	130%: Transfer to bypass after 1minutes		
	150%: transfer to bypass 30s, shutdown the bypass after 1 minutes		
Overload Capability (battery mode)	110%: shutdown after 10minutes		
	125%: shutdown after 10s		
	> 125%: shutdown after 1s		
Crest Ratio	3: 1		
Display	LED+LCD		
Communication Interface	RS232, SNMP/Dry Contact /USB/Parallel Kits (Optional)		
W*D*H (mm)	250*526*645	250*544*705	250*544*705
Net Weight (KG)	25	33	33

PowerLead2 RM Series

Online UPS (HV: 1-10KVA)

1:1 phase



Overview

PowerLead2 RM Series is online double conversion UPS with full DSP control technology. With 19 inch standard rack design, self-adjusting output frequency, smart battery management system and network management, PowerLead2 RM Series is a perfect choice for computers, IT equipments and other sensitive devices.



Features

- Wide range of input voltage with high input PF;
- Output PF reach to 0.9;
- Full protection of overvoltage, circuit short and over temperature;
- Network/fax/modem surge protection;
- LCD/LED display, monitoring all the operation status;
- 19 inch standard cabinet and battery cabinet;
- Automatic fan speed adjustment;
- Abundant interface: RS232/USB/SNMP/Intelligent Card.

Technical data

Model (HV)	PL2 RM1K	PL2 RM2K	PL2 RM3K	PL2 RM6K	PL2 RM10K
	PL2 RM1KL	PL2 RM2KL	PL2 RM3KL	PL2 RM6KL	PL2 RM10KL
Capacity	1KVA/0.9KW	2KVA/1.8KW	3KVA/2.7KW	6KVA/5.4KW	10KVA/9KW

INPUT

Acceptable Input voltage	50%-125%(200V/208V/220V/230V/240V)				
Phase	Single phase in, single phase out				
Input Power Factor	≥0.97			0.99	
Input Frequency Range	40Hz-70Hz				
Frequency Adaptable	Settable				

OUTPUT

Output PF	0.9				
Normal Output Voltage	200V/208V/220V/230V/240VAC				
Voltage Regulation	±1%				
THDu	≤1% THD, liner load; ≤5%THD, no-linear load				

SYSTEM

Battery Voltage	36VDC	72VDC	96VDC	192VDC	
Efficiency	88%(line mode), 94%(ECO mode), 85%(battery mode)	91%(line mode),96%(ECO mode),88%(battery mode)		92%(line mode),97%(ECO mode), 90%(battery mode)	
Overload Capability (inverter mode)	105%~130%: transfer to bypass after 1mins			110%: to bypass after 10min	
	150%: transfer to bypass after 30s			130%: to bypass after 1min; 150%: to bypass after 30 sec, Shutdown after 1 min	
Overload Capability (battery mode)	105%~130%: shutdown after 10s			110%: Shutdown after 10min	
	150%: shutdown after 5s			125%: Shutdown after 10s; >125%: Shutdown after 1s	
Crest Ratio	3:1				
Display	LED+LCD				
Communication Interface	RS232,SNMP/Dry Contact/USB (Optional)				
W*D*H (mm)	440*430*86	440*480*173		440*680*218	
	440*430*86 (L)	440*480*86(L)		438*680*130(L)	
Net Weight (KG)	13.5/8	28/9.5	33/10.5	62/18.5	70.5/21.5

PowerLead2 RM Series

Online UPS (LV: 0.8-6KVA)

1:1 phase



Overview

PowerLead RM Series is online double conversion UPS with full DSP control technology. With 19 inch standard rack design, self-adjusting output frequency, smart battery management system and network management, PowerLead RM Series is a perfect choice for computers, IT equipments and other sensitive devices.



Features

- Wide range of input voltage with high input PF;
- Output PF reach to 0.9 / 0.8;
- Full protection of overvoltage, circuit short and over temperature;
- Network/fax/modem surge protection;
- LCD/LED display, monitoring all the operation status;
- 19 inch standard cabinet and battery cabinet;
- Automatic fan speed adjustment;
- Abundant interface: RS232/USB/SNMP/Intelligent Card.

Technical data

Model (LV)	PL2 RM800	PL2 RM1500	PL2 RM2000	PL2 RM4K	PL2 RM6K
	PL2 RM800L	PL2 RM1500L	PL2 RM2000L	PL2 RM4KL	PL2 RM6KL
Capacity	0.8KVA/0.72KW	1.5KVA/1.35KW	2KVA/1.8KW	4KVA/3.2KW	6KVA/4.8KW

INPUT

Acceptable Input voltage	50%-125%(110V/115V/120V/127VAC)
Phase	Single phase in, single phase out
Input Power Factor	≥0.98
Input Frequency Range	40Hz-70Hz
Frequency Adaptable	Settable

OUTPUT

Output PF	0.9	0.8
Normal Output Voltage	110V/115V/120V/127VAC	
Voltage Regulation	±1%	
THDu	≤1% THD, liner load; ≤5%THD, no-linear load	

SYSTEM

Battery Voltage	36VDC	72VDC	96VDC	192VDC	
Efficiency	88%(line mode), 94%(ECO mode), 87%(battery mode)	91%(line mode), 96%(ECO mode), 88%(battery mode)		87%(line mode), 96%(ECO mode), 88%(battery mode)	
Overload Capability (inverter mode)	105%~130%: transfer to bypass after 1mins			110%: to bypass after 10min	
	150%: transfer to bypass after 30s			130%: to bypass after 1min; 150%: to bypass after 30 sec, Shutdown after 1 min	
Overload Capability (battery mode)	105%~130%: shutdown after 10s			110%: Shutdown after 10min	
	150%: shutdown after 5s			125%: Shutdown after 10s; >125%: Shutdown after 1s	
Crest Ratio	3:1				
Display	LED+LCD				
Communication Interface	RS232,SNMP/Dry Contact/USB (Optional)				
W*D*H (mm)	440*430*86	440*480*173		440*680*218	
	440*430*86 (L)	440*480*86(L)		438*680*130(L)	
Net Weight (KG)	13.5/8	28/9.5	33/10.5	62/18.5	70.5/21.5

PowerChampion TL Series

UPS (HV: 10-500KVA); (LV: 6-72KVA)

3:3 phase



Overview:

PowerChampion TL three phase UPS offers advanced technology that increase performance and reliability: three high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor and low input current distortion. It also offers humanization design: full front access of serviceability, user friendly interface.

Applications:

- ISP (Internet Service Provider)
- IDC (Internet Data Center)
- Computer Room
- Service Center
- Precision Instruments
- Intelligent Equipment

Features:

- Green power technology, high input power factor, low current THD, high efficiency.
- Online double conversion, offering load with best power quality, compatible with utility of 200/208/380/400/415VAC, 50/60Hz.
- Wide input voltage window, compatible with different utilities.
- Support all kinds of load, high overload capability.
- Fully digital control with three DSP including IGBT rectifier, inverter, charger.
- Intelligent battery management, extending battery lifetime.
- Intelligent self-diagnose function, all kinds of fault protection, large capability of history record storage.
- Full front maintenance, Configured with top and bottom cable connection, saving space.
- Modularized design of subsystem, convenient field maintenance.
- Redundant design of power model fans, increasing the system reliability.
- Large LCD display, friendly human machine interface.
- All PCB with conformal coating.
- Parallel up to 1500KVA.
- Critical components adopt the well-known international corporation, high margin design.
- Achieve the advanced international level with original technology of IGBT and integrated parallel technique.

Technical data

Model (HV)	PW60L	PW80L	PW90L	PW100L	PW120L	PW150L	PW200L	PW250L	PW300L	PW400L	PW500L
Capacity	60KVA	80KVA	90KVA	100KVA	120KVA	150KVA	200KVA	250KVA	300KVA	400KVA	500KVA

INPUT

Phase	3Phase+N+PE,380V/400V/415V(line to line)
Voltage range	304-478Vac(line-line), full load; 228V-304Vac(line-line),load decrease linearly according to the min phase voltage
Frequency range	40-70Hz
THDi	<3%(Full linear load)
Power factor	>0.99

OUTPUT

Voltage	380V/400V/415V(line to line)
Voltage regulation	±1.5%
THDu	<1%(line load), <5.5%(none-linear load)
Power factor	0.9
Frequency range	50/60Hz
Frequency precision	0.01%
Overload capability	110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200 ms

BATTERY

Voltage	±240VDC
Charge power	20% System Power
Voltage precision	1%

SYSTEM

Efficiency	Normal	95%	96%	95%	96%	95%	96%
	Battery	95%	96%	95%	96%	95%	96%
Display	Color LCD touch screen+ LED+ Keyboard						
IP class	IP20						
Interface	Standard:RS232, RS485, USB, Dry contact (programmable) Option: SNMP,AS400,Parallel kit, Battery cold start (standard for 250KVA above), Lightning protection components, Dust filter, LBS						
Operation/storage	0-4°C/-40-70°C						
Relative humidity	0-95°C (non-condensing)						
Noise	68dB@100% load, 65dB@45% load				72dB@100% load,69dB@45% load		

PHYSICAL

Weight (KG)	170	210	231	210	266	305	350	445	490	810	900
Dimension (W*D*H) (mm)	600*980 *950	600*980 *1150	600*980 *1400	600*980* 1150	600*980* 1400	650*960* 1600	650*960* 1600	650*960* 2000	650*960* 2000	1300*1100 *2000	1300*1100 *2000

Model (HV)	PW10S	PW15S	PW20S	PW30S	PW40S
	PW10L	PW15L	PW20L	PW30L	PW40L
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA

INPUT

Phase	3Ph+N+PE,380V/400V/415V(line to line)				
Voltage range	304-478Vac(line-line), full load; 228V-304Vac(line-line),load decrease linearly according to the min phase voltage				
Frequency range	40-70Hz				
THDi	<4%		<3%		
Power factor	>0.99				

OUTPUT

Voltage	380V/400V/415V(line to line)				
Voltage regulation	±1.5%				
THDu	<1%(linear load), <5.5%(none-linear load)				
Power factor	1.0		0.9		
Frequency range	50/60Hz				
Frequency precision	0.01%				
Overload capability	110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200 ms				

BATTERY

Voltage	±240VDC				
Charge power	20% System Power				
Voltage precision	1%				

SYSTEM

Efficiency	Normal	95%	95%	96%	
	Battery	94.5%	96%	96%	
Display	LCD+ LED+ Keyboard				
IP class	IP20				
Interface	Standard: RS232, RS485, Dual input kit; Option: SNMP, Dry contacts, Parallel kit, Battery cold start				
Operation/storage	0-4℃				
Relative humidity	0-95℃ (non-condensing)				
Noise	<55dB(1 meter away)				

PHYSICAL

Weight (KG)	51.5	51.5	89	89	140
	31	31	50	52	61
Dimension (W*D*H) (mm)	250*840*715	250*840*715	350*738*1335	350*738*1335	500*840*1400
	250*660*530	250*660*530	250*680*770	250*680*770	250*836*770

Technical data

Model (LV)	PW06S	PW10S	PW12S	PW18S	PW24L	PW36L	PW48L	PW60L	PW72L
	PW06L	PW10L	PW12L	PW18L					
Capacity	6KVA	10KVA	12KVA	18KVA	24KVA	36KVA	48KVA	60KVA	72KVA
	4.8KW	8KW	9.6KW	14.4KW	19.2KW	28.8KW	38.4KW	48KW	57.6KW

INPUT

Input voltage	200V/208V/220V (line to line)								
Input connection	3Ph+N+PE								
Power factor	>0.99								
Input THDi	<3%								
Input voltage window	-20%~25%, full load								
	-20%~-40%,power derating from 100% to 70%								
Frequency range	40-70HZ								

OUTPUT

Voltage precision	1% (balance load),1.5% (unbalance load)								
Voltage THDu	THD<1.5%(linear load),THD<5%(nonlinear load)								
Power factor	0.8								
Frequency range	50/60Hz±3Hz(default), adjustable								
Frequency precision	±0.02%(free running)								
Crest factor	3:1								
Overload capability	110%, transfer to bypass after 1 hour								
	125%, transfer to bypass after 10 minutes								
	150%, transfer to bypass after 1 minute								
	>150%, transfer to bypass after 200ms								
Overload capability (Bypass)	125%, long time operation								
	125%<load<130%, last for more than 1 hour								
	130%< load <150%, last for more than 6 minutes								
	>1000%, last for more than 100ms								

SYSTEM

Efficiency	Normal mode: 92%,ECO mode: 98%,Battery Mode: 91%								
Battery configuration	12V, 20PCS (±120VDC)								
Charger Power	20%*System power								
Display	LCD+LED, keyboard				LCD+LED, Touch screen and keyboard				
IP class	IP20								
Interface	RS232,RS485,Dry contacts, SNMP card, EPO, Generator interface								
Installation	Top or bottom cable connection								
Operation temperature	0-40°C								
Relative humidity	0-95% (non- condensing)								
Noise (dB)	<55dB(1m away)								
Weight (KG)	97/44	97.5/46	99.5/58	164	186	208	256	278	
Dimension (W*D*H) (mm)	540*690*1100(Internal battery)				540*762*1000	600*855*1350	600*855*1600		
	280*730*668		320*781*788						

PXM Series UPS

(HV: 10-200KVA); (LV: 6-120KVA)

3:3 phase modular UPS



Overview:

PXM series UPS is a modular UPS for sensitive equipments. A single cabinet power rating covers from 10KVA to 200KVA which delivers the best combination of reliability, hot-swappable and flexibility. With the advanced IGBT three-level technology and DSP control, PXM series UPS achieves a high input power factor, low THDi and high system efficiency, which makes it a great choice for data centers, computer system and critical equipments.

Applications:

- ISP (Internet Service Provider)
- IDC (Internet Data Center)
- Computer Room, Service Center
- Precision Instruments
- Intelligent Equipment

Features:

- Modular design ensures high level reliability and flexible options for expansion, such as N+1 or N+X.
- Strong load adaptability for linear and nonlinear load.
- Efficiency up to 95%, High input power factor(>0.99), low input THDi(<3%).
- Double DSP controller for individual power module, avoid single point failure risk.
- Digital control for the whole parts including rectifier, inverter, charger and discharger.
- IGBT modules rather than discrete components are applied in the power module, system reliability and manufacturing consistency are much improved.
- Totally front access, top and bottom cable connection.
- Large touch screen LCD with plenty of information.
- Independent charger for batteries, intelligent battery management system.
- Digital paralleling technology, very low circle current between modules.
- Intelligent fan control system, incredible low noise system design.
- Inbuilt switch for cabinet input, output and maintenance connection.
- Friendly generator interface.
- Cold start function, easy maintenance.
- All PCB with conformal coating.
- Modular, high power density design, save valuable space for customer.
- Critical components adopt the well-known international corporation, high margin design.

Technical data

Model (HV)		PXM Modular UPS
Capacity		Power Rating Configuration by Customer Request
INPUT		
Input voltage	380V/400V/415V(line to line), 50/60Hz	
Input connection	3Ph+N+PE	
Power factor	>0.99	
Input THDi	<3%	
Input voltage window	-20%~25%, full load	
	-20%--40%,power derating from 100% to 70%	
Frequency range	40-70HZ	
OUTPUT		
Voltage precision	1% (balance load),1.5% (unbalance load)	
Voltage THDu	THD<1.5%(linear load),THD<6%(nonlinear load)	
Power factor	0.9	
Frequency range	50/60Hz±3Hz(default), adjustable	
Frequency precision	±0.02%(free running)	
Crest factor	3:1	
Overload capability	110%, transfer to bypass after 1hour	
	125%, transfer to bypass after 10 minutes	
	150%, transfer to bypass after 1 minute	
	>150%, transfer to bypass after 200ms	
Overload capability (Bypass)	125%, long time operation	
	125%<load<130%, last for more than 1 hour	
	130%< load <150%, last for more than 6 minutes	
	>1000%, last for more than 100ms	
SYSTEM		
Efficiency	Normal mode: 95%,ECO mode: 98%,Battery Mode: 95%	
Battery configuration	12V, 40PCS (±240VDC)	
Charger Power	20%*System power	
Display	LCD+LED, Touch screen and keyboard	
IP class	IP20	
Interface	RS232,RS485,Dry contacts, SNMP card, EPO, Generator interface	
Installation	Top or bottom cable connection	
Operation temperature	0-40℃	
Relative humidity	0-95% (non-condensing)	
Noise (dB)	<55dB(1m away)	
Weight (KG)	Cabinet	3-slot cabinet: 120kg; 6-slot cabinet: 151kg; 10-slot cabinet: 182kg
	Power Module	PM10: 20kg; PM15: 21kg; PM20: 22kg
Dimension (W*D*H) (mm)	Cabinet	3-slot cabinet: 600*900*1100; 6-slot cabinet: 600*900*1600; 10-slot cabinet: 600*900*2000
	Power Module	PM10/PM15/PM20: 440*590*133

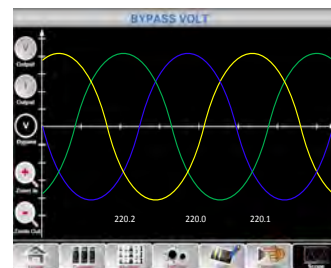
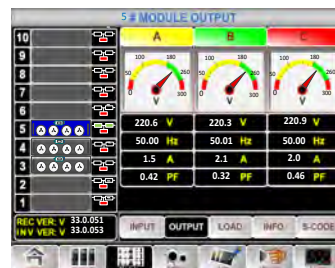
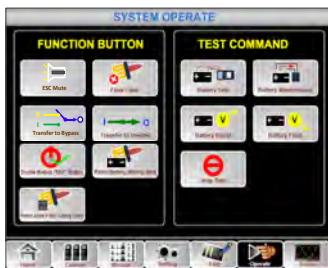
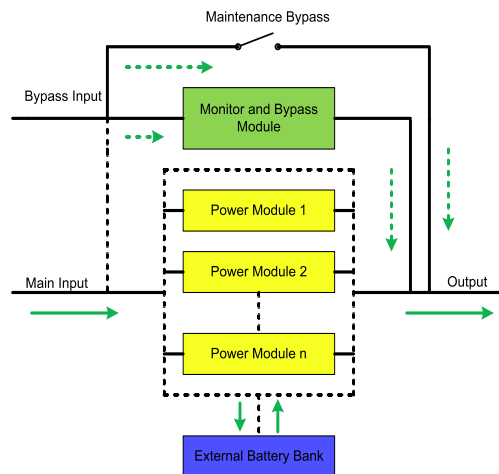
Technical data

Model (LV)		PXM Modular UPS
Capacity		Power Rating Configuration by Customer Request
INPUT		
Input voltage	200V/208V/220 (line to line)	
Input connection	3Ph+N+PE	
Power factor	>0.99	
Input THDi	<3%	
Input voltage window	-20%~25%, full load	
	-20%~-40%,power derating from 100% to 70%	
Frequency range	40-70HZ	
OUTPUT		
Voltage precision	1% (balance load), 1.5% (unbalance load)	
Voltage THDu	THD<1.5%(linear load), THD<6%(nonlinear load)	
Power factor	0.8	
Frequency range	50/60Hz±3Hz(default), adjustable	
Frequency precision	±0.02%(free running)	
Crest factor	3: 1	
Overload capability	110%, transfer to bypass after 1hour	
	125%, transfer to bypass after 10 minutes	
	150%, transfer to bypass after 1 minute	
	>150%, transfer to bypass after 200ms	
Overload capability (Bypass)	125%, long time operation	
	125%<load<130%, last for more than 1 hour	
	130%< load <150%, last for more than 6 minutes	
	>1000%, last for more than 100ms	
SYSTEM		
Efficiency	Normal mode: 92%,ECO mode: 98%,Battery Mode: 91%	
Battery configuration	12V, 20PCS (±120VDC)	
Charger Power	20%*System power	
Display	LCD+LED, Touch screen and keyboard	
IP class	IP20	
Interface	RS232,RS485,Dry contacts, SNMP card, EPO, Generator interface	
Installation	Top or bottom cable connection	
Operation temperature	0-40℃	
Relative humidity	0-95% (non-condensing)	
Noise (dB)	<55dB(1m away)	
Weight (KG)	Cabinet	3-slot cabinet: 120kg; 6-slot cabinet: 151kg; 10-slot cabinet: 182kg
	Power Module	PML06: 20kg; PML10: 21kg; PML12: 22kg
Dimension (W*D*H) (mm)	Cabinet	3-slot cabinet: 600*900*1100; 6-slot cabinet: 600*900*1600; 10-slot cabinet: 600*900*2000
	Power Module	PML06/PML10/PML12: 440*590*133

PXM Plus Modular UPS

Overview:

The PXM Plus Modular UPS is a new generation Uninterruptible power supply. The parallel architecture adopts a highly intelligent modular design to achieve maximum power availability and redundancy. With advanced IDC power solutions and smart management technologies, It is specially designed to meet the protection demands of mission critical loads in data centers or other important applications.



Features:

- * Modular design with N+X redundancy, online hot-swappable.
- * Friendly human machine interface with colorful touch screen of 10.4 inches.
- * High power density of 600KVA in one single cabinet ; High power density with footprints of less than 2m2 up to 900KVA in parallel, 30KVA power module with only 3U height.
- * Green and energy saving: AC/AC efficiency > 95%, input power factor > 0.99 while input THDi < 3%.
- * Full DSP control of high stability, reliability and safety.
- * Integrated IGBT module with improved performance and reduced size.
- * Excellent input performances for complete compatibility with input PF of 99% and wide range of voltage.
- * Self-Aging mode for full load test with less than 10% of the total power capacity needed.
- * Smart Sleeping mode for energy saving and prolong the life time of the system.
- * Optimized battery management, intelligently control the whole process of the charging and discharging, effectively improve the life time of the battery.
- * Battery cold start, UPS can be powered on from the battery without utility.
- * Automatically record the information when faults happen, easy for trouble shooting.
- * Monitor runtime of critical components, such as fans and capacitors, settable alarm for service period.
- * Independent LCD display for each power module with self-starting function.
- * Programmable dry contacts, the function of each port can be defined by users.

Technical data

Model (HV)	PXM Plus Modular UPS Power Rating Configuration by Customer Request	
Capacity	10-Slot Cabinet (with 25KVA Module)	25KVA-250KVA
	10-Slot Cabinet (with 30KVA Module)	30KVA-300KVA
	20-Slot Cabinet (with 25KVA Module)	25KVA-500KVA
	20-Slot Cabinet (with 30KVA Module)	30KVA-600KVA

INPUT

Phase	3 Phases + Neutral + Ground
Voltage	380V/400V/415V(line to line)
Frequency	50/60Hz
Power Factor	>0.99
THDi	THDi<3% @100% linear load
Voltage Range	304 ~ 478Vac(Line-Line),full load; 228 ~ 304Vac(Line-Line), load decreases linearly according to the min phase voltage.
Frequency Range	40Hz-70Hz

OUTPUT

Voltage	380V/400V/415V
Voltage Regulation	1.5%
THDu	THD<1%(linear load), THD<6%(None linear load)
Power Factor	0.9
Crest Factor	3:1
Overload Capability	110% for 1 hour; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms

BATTERY

Voltage	±240VDC
Charge Power	20%*System Power
Charge Voltage Precision	±1%

SYSTEM

System Efficiency	Normal mode: 95%; ECO Mode: 99%; Battery mode: 95%
Display	10.4"LCD+LED, Color touch Screen + keyboard
IP Class	IP20
Interface	Standard: RS232,RS485,Dry contacts, USB; Optional: SNMP, Expansion dry contact card
Temperature	0 ~ 40°C(Operation) /-40 ~ 70°C(Storage)
Relative Humidity	0 ~ 95%(non-condensing)
Noise	65dB @100% load, 62dB @45% load(1 meter away)

PHYSICAL

Net Weight (Kg)	Cabinet	10-Slot Cabinet/20-Slot Cabinet: 220Kg/660Kg
	Power Module	PMX25KVA/PMX30KVA: 32Kg/34Kg
Dimension (W*D*H) (mm)	Cabinet	10-Slot Cabinet/20-Slot Cabinet: 600*1100*2000/2000*1100*2000
	Power Module	PMX25KVA/PMX30KVA: 460*790*134

Technical data

Model (LV)	PXM Plus Modular UPS Power Rating Configuration by Customer Request	
Capacity	10-Slot Cabinet (with 15KVA Module)	15KVA-150KVA
	10-Slot Cabinet (with 20KVA Module)	20KVA-200KVA
	20-Slot Cabinet (with 15KVA Module)	15KVA-300KVA
	20-Slot Cabinet (with 20KVA Module)	20KVA-400KVA

INPUT

Phase	3 Phases + Neutral + Ground
Voltage	200V/208V/220V(line to line)
Frequency	50/60Hz
Power Factor	>0.99
THDi	THDi<3% @100% linear load
Voltage Range	166 ~ 261Vac(Line-Line),full load; 125 ~ 166Vac(Line-Line), load decreases linearly according to the min phase voltage.
Frequency Range	40Hz-70Hz

OUTPUT

Voltage	200V/208V/220V
Voltage Regulation	1.5%
THDu	THD<1%(linear load), THD<6%(None linear load)
Power Factor	0.8
Crest Factor	3:1
Overload Capability	110% for 1 hour; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms

BATTERY

Voltage	±120VDC
Charge Power	20%*System Power
Charge Voltage Precision	±1%

SYSTEM

System Efficiency	Normal mode: 93%; ECO Mode: 99%; Battery mode: 93%
Display	10.4"LCD+LED, Color touch Screen + keyboard
IP Class	IP20
Interface	Standard: RS232,RS485,Dry contacts, USB; Optional: SNMP, Expansion dry contact card
Temperature	0 ~ 40°C(Operation) /-40 ~ 70°C(Storage)
Relative Humidity	0 ~ 95%(non-condensing)
Noise	65dB @100% load, 62dB @45% load(1 meter away)

PHYSICAL

Net Weight (Kg)	Cabinet	10-Slot Cabinet/20-Slot Cabinet: 220Kg/660Kg
	Power Module	PML15X/PML20X: 32Kg/34Kg
Dimension (W*D*H) (mm)	Cabinet	10-Slot Cabinet/20-Slot Cabinet: 600*1100*2000/2000*1100*2000
	Power Module	PML15X/PML20X: 460*790*134

PowerBT

Low Frequency Online UPS

1-20KVA(1PH/1PH)

10-60KVA(3PH/1PH)

Overview:

Digital UPS PowerBT series is the latest UPS designed by EverExceed. It is the collection digitization, informationization, network as one of high intelligent products, with powerful information acquisition system, signal processing system, detection system and perfect protection system. Widely used in all kinds of electricity environment, Personalized design, powerful human-machine conversation function. Visual display and state monitoring interface, make each user operate simply and conveniently.



Features:

- Pure-online double conversion technology, to provide the best quality of power supply.
- IGBT rectifier technology design
- Built-in isolation transformation
- High input power factor (>0.99), low THDI ($<5\%$)
- Suitable for all kinds of loads, high overload capacity.
- Intelligent battery management, extending the battery life.
- Large LCD display, Friendly human-machine interface.

Application:

- Data center
- Internet service
- Transportation systems
- Telecom situation
- Financial systems
- Medical/healthcare
- Industrial systems

Technical data(1PH/1PH)

MODEL	PB11H01	PB11H02	PB11H03	PB11H05	PB11H08	PB11H10	PB11H15	PB11H20
Capacity	1KVA	2KVA	3KVA	5KVA	8KVA	10KVA	15KVA	20KVA
	0.8KW	1.6KW	2.4KW	4KW	6.4KW	8KW	12KW	16KW

INPUT

Voltage	220VAC±25%
Frequency	50/60Hz±10%
Power Factor	0.99
THDi	<5%
Soft Start	0~100% 5 sec

BYPASS INPUT

Voltage	220VAC±15% L+N+G
Frequency	50/60Hz±5%

BATTERY

DC Voltage	48VDC	96VDC	120VDC	192VDC
Charge Current	3A~25A (configurable) ,other SPEC can be customize			

OUTPUT

Voltage	220VAC±1% (steady load) ; L+N+G
Frequency	50Hz±5% (utility power); 50Hz±0.05%(battery backup)
Waveform	pure sine wave
Total Harmonic Distortion	linear load < 3%: nonlinear load < 5%
Power Factor	0.8 (0.8 for standard mode,0.9 need customize)
Overload Capability	< 125% 10min ; 125% ~ 150% 1min; > 150% 200ms

SYSTEM

Efficiency	> 85%	> 90%	> 93%
Transfer Time	(overload) 0ms		
Communication	RS232/RS485/SNMP		
Temperature	(Operating): 0 ~ 40°C		
Relative Humidity	0 ~ 90% noncondensing		
Audible Noise	≤55dB		≤60dB

PHYSICAL

Dimension (W*D*H) mm	235*439* 350	235*608*496		264*583* 620	400*550*1000			580*480* 1190
Weight (KG)	36	55.5	63.5	90.5	125	139	176	222

Technical data(3PH/1PH)

MODEL	PB31H10	PB31H15	PB31H20	PB31H30	PB31H40	PB31H50	PB31H60
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA
	8KW	12KW	16KW	24KW	32KW	40KW	48KW

INPUT

Voltage	380VAC±20% 3wires+N+G
Frequency	50/60Hz±10%
Power Factor	0.99
THDi	<5%
Soft Start	0~100% 5 sec

BYPASS INPUT

Voltage	220VAC±15% L+N+G
Frequency	50/60Hz±5%

BATTERY(29-32PCS batteries configuration can be choose,32pcs for standard configuration)

DC Voltage	384V (12V battery,32PCS)
Floating Charge Voltage	432V
Cutoff Voltage	336V
Charge Current	3A~25A (configurable) ,other SPEC can be customize

OUTPUT

Voltage	220VAC±1% (steady load) ; L+N+G
Frequency	50Hz±5% (utility power); 50Hz±0.05%(battery backup)
Waveform	pure sine wave
Total Harmonic Distortion	linear load < 3%; nonlinear load < 5%
Power Factor	0.8 (0.8 for standard mode,0.9 need customize)
Overload Capability	< 125% 10min ; 125% ~ 150% 1min; > 150% 200ms

SYSTEM

Efficiency	> 92%; 95%(ECO Mode)		
Transfer Time	(overload) 0ms		
Communication	RS232/RS485/SNMP		
Temperature	(Operating): 0 ~ 40°C		
Relative Humidity	0 ~ 90% noncondensing		
Audible Noise	≤50dB	≤55dB	≤63dB

PHYSICAL

Dimension (W*D*H) mm	800*600*1600			800*600*1800	800*800*1800		
Weight (KG)	200	240	340	370	460	560	630

PowerChampion Series UPS

Overview:

The PowerChampion Series UPS used advanced digital control technology, provide secure power protection, guaranteeing maximum uptime, reliability and flexibility for a wide range of mission critical applications including finance, health, transportation, telecommunications and data centers.

This ups guarantees 100% real power in every working condition thanks to its capability to power, without de-rating. Its excellent power conversion efficiency, even at partial load, all overloads, frequency variations transient disturbances, brief interruptions and black-outs, makes it outstanding value for customers who can greatly benefit from considerable cost savings throughout the service life of the PowerChampion Series UPS.



Features:

- All-digital full function touch-sensitive large-screen LCD with plenty of detail information, friendly display interface and UPS work flow can simulation on LCD;
- On-line double conversion design and DSP ensures high performance and reliability;
- Stringent short circuit test, 2KVA high voltage isolation test;
- Flexible paralleling for different loads and systems allows stand-alone, 1+1paralleling, N+1 paralleling, can up to 8 units paralleling directly;
- Higher efficiency ,ECO mode can up to 98%;
- Output isolation transformer reduces harmonic current and disturbance of mains supply on loads;
- DSP all-digital control and optional 12 pulses rectification, improve input power factor correction (PFC) reduce electric power pollution suppression;
- Advanced battery intelligent management, optional cell monitoring module, able to monitor up to 4 pile & 160 cells;
- Intelligent monitoring system:RS232, RS485, dry contact, internal Modem port, battery testing port available, optional SNMP card & battery testing module;
- Critical components adopt the well-known international corporation, high margin design.;
- High reliability design of IGBT&SCR drive and protection increase the system reliability.;
- Meet the customer's requirements efficiently thanks to powerful supply chain capacity and perfect system products supply;
- Comply with Quality Management System of ISO 9001:2008,take strict control on process and product quality, promote green environmental protection, energy conservation and sustainable development.

Technical data

MODEL	PW10	PW15	PW20	PW30	PW40	PW50	PW60	PW80
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA
	8KW	12KW	16KW	24KW	32KW	40KW	48KW	64KW

INPUT

Voltage	380VAC±20% 3wires+N+G
Frequency	50/60Hz±10%
Power Factor	0.95 (with Input Filter)
Soft Start	0 ~ 100% 5 sec

BYPASS

Voltage	380VAC±15% 3wires+N+G
Frequency	50/60Hz±5%

BATTERY

DC Voltage	384V (12V battery,32cells)
Floating Charge Voltage	432V
Cutoff Voltage	336V
Charge Current	10A ~ 20A (configurable)

OUTPUT

Voltage	380VAC±1% (steady load) ; 3wires+N+G
Frequency	50Hz±5% (utility power); 50Hz±0.05%(battery backup)
Waveform	Sine wave
Total Harmonic Distortion	linear load < 3%: nonlinear load < 5%
Power Factor	0.8 (lagging)
Overload Capability	< 125% 10min ; < 150% 1min; > 150% 200ms

SYSTEM

Efficiency	> 91%; 95%(ECO Mode)			
Transfer Time	(overload) 0ms			
Communication	RS232/RS485			
Temperature	(Operating): 0 ~ 40°C (32°F~ 104°F)			
Relative Humidity	5 ~ 95% noncondensing			
Audible Noise	≤50dB at 1meter	≤55dB at 1meter	≤63dB at 1meter	≤65dB at 1meter

PHYSICAL

Dimension (W*D*H) (mm)	560*800*1140	560*800*1400	600*850*1400	950*850*1800	1200*900*1800
Weight (kg)	200	400	480	580	900

Technical data

MODEL	PW100	PW120	PW140	PW160	PW200	PW250	PW300	PW400
Capacity	100KVA	120KVA	140KVA	160KVA	200KVA	250KVA	300KVA	400KVA
	80KW	96KW	112KW	128KW	160KW	200KW	240KW	320KW

INPUT

Voltage	380VAC±20% 3wires+N+G
Frequency	50/60Hz±10%
Power Factor	0.95 (with Input Filter)
Soft Start	0 ~ 100% 5 sec

BYPASS

Voltage	380VAC±15% 3wires+N+G
Frequency	50/60Hz±5%

BATTERY

DC Voltage	396V (12V battery,33cells)
Floating Charge Voltage	446V
Cutoff Voltage	346V
Charge Current	10A ~ 20A (configurable)

OUTPUT

Voltage	380VAC±1% (steady load) ; 3wires+N+G
Frequency	50Hz±5% (utility power); 50Hz±0.05%(battery backup)
Waveform	Sine wave
Total Harmonic Distortion	linear load < 3%: nonlinear load < 5%
Power Factor	0.8 (lagging)
Overload Capability	< 125% 10min ; < 150% 1min; > 150% 200ms

SYSTEM

Efficiency	> 91%; 95%(ECO Mode)
Transfer Time	(overload) 0ms
Communication	RS232/RS485
Temperature	(Operating): 0 ~ 40°C (32°F~ 104°F)
Relative Humidity	5 ~ 95% noncondensing
Audible Noise	≤65dB at 1meter

PHYSICAL

Dimension (W*D*H) (mm)	1200*900*1800	1300*950*1800	2000*900*1800	2350*900*1800	2500*900*2000		
Weight (kg)	1200	1300	1480	2000	2300	2950	3600

PowerNX Series UPS

Overview:

The innovative design of the PowerNX makes it one of the most technologically advanced UPS of its kind. Exclusively developed by EverExceed, the PowerNX series UPS delivers an advanced combination of low input current distortion, unity power factor input, high overall efficiency and maximum load protection ensuring ultimate power quality.

This sophisticated arrangement of features make this series ideal for critical applications where reliability and high performance are fundamental. In addition, the PowerNX comprises an IGBT input rectifier design with dual DSP (Digital Signal Processing), which provides full digital control. The PowerNX configuration guarantees high quality output required by loads requiring a stable and clean source of power, whilst ensuring that auxiliary power supplies and processors are no longer single points of failure as with some other UPS Systems.

VFI (Voltage & Frequency Independent) Online Double Conversion topology, provides built-in inverter galvanic protection, completely isolating the output of the UPS from mains power problems and further protection is achieved via an integral output isolation transformer. This advanced design offers an extensive range of user benefits, delivering high efficiency without compromising load protection.

Applications:

- Data centers
- Process control equipment
- Internet service providers
- Transportation systems
- Broadcasting and entertainment
- Telecommunication installations
- Financial systems
- Credit card operations
- Medical/healthcare
- Industrial systems
- Server farms
- Security operations



Features:

- * On line double conversion
- * IGBT input rectifier
- * High efficiency
- * Isolation transformer based
- * Life-prolonging battery management



Technical data

MODEL	PNX10	PNX15	PNX20	PNX30	PNX40	PNX50	PNX60
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA
	8KW	12KW	16KW	24KW	32KW	40KW	48KW

INPUT

Voltage	380/400/415VAC±20% 3PHASE+N+G						
Frequency	50/60Hz±10%						
Power Factor	0.99						
THDi	<5%						
Soft Start	0~100% 5 sec						

BYPASS INPUT

Voltage	380/400/415VAC±15% 3PHASE+N+G						
Frequency	50/60Hz±5%						

BATTERY(29-32PCS BATTERIES CONFIGURATION CAN BE CHOOSE,32PCS FOR STANDARD CONFIGURATION)

DC Voltage	384V (12V battery ,32PCS)						
Floating Charge Voltage	432V						
Cutoff Voltage	336V						
Charge Current	3A ~ 25A (configurable) ,other SPEC can be customize						

OUTPUT

Voltage	380/400/415VAC±1% (steady load) ; 3PHASE+N+G						
Frequency	50Hz±5% (utility power):50Hz±0.05%(battery backup)						
Waveform	pure sine wave						
Total Harmonic Distortion	linear load < 3%: nonlinear load < 5%						
Power Factor	0.8 (0.8 for standard mode,0.9 need customize)						
Overload Capability	< 125% 10min ; 125% ~ 150% 1min; > 150% 200ms						

SYSTEM

Efficiency	> 94%; 97%(ECO Mode)						
Transfer Time	(overload) 0ms						
Communication	RS232/RS485/SNMP						
Temperature	(Operating):0~40°C						
Relative Humidity	0~90% noncondensing						
Audible Noise	≤50dB		≤55dB		≤63dB		

PHYSICAL

Dimensio (W*D*H) mm	800*600*1600			800*600*1800		800*800*1800	
Weight (kg)	220	260	360	400	500	600	660

Technical data

MODEL	PNX80	PNX100	PNX120	PNX140	PNX160	PNX200	PNX300	PNX400
Capacity	80KVA	100KVA	120KVA	140KVA	160KVA	200KVA	300KVA	400KVA
	64KW	80KW	96KW	112KW	128KW	160KW	240KW	320KW

INPUT

Voltage	380/400/415VAC±20% 3PHASE+N+G
Frequency	50/60Hz±10%
Power Factor	0.99
THDi	<5%
Soft Start	0 ~ 100% 5 sec

BYPASS INPUT

Voltage	380/400/415VAC±15% 3PHASE+N+G
Frequency	50/60Hz±5%

BATTERY(29-32PCS BATTERIES CONFIGURATION CAN BE CHOOSE,32PCS FOR STANDARD CONFIGURATION)

DC Voltage	384V (12V battery,32PCS)
Floating Charge Voltage	432V
Cutoff Voltage	336V
Charge Current	3A ~ 25A (configurable) ,other SPEC can be customize

OUTPUT

Voltage	380/400/415VAC±1% (steady load) ; 3PHASE+N+G
Frequency	50Hz±5% (utility power); 50Hz±0.05%(battery backup)
Waveform	pure sine wave
Total Harmonic Distortion	linear load < 3%: nonlinear load < 5%
Power Factor	0.8 (0.8 for standard mode,0.9 need customize)
Overload Capability	< 125% 10min ; 125% ~ 150% 1min; > 150% 200ms

SYSTEM

Efficiency	> 94%; 97%(ECO Mode)	
Transfer Time	(overload) 0ms	
Communication	RS232/RS485/SNMP	
Temperature	(Operating): 0 ~ 40°C	
Relative Humidity	0 ~ 90% noncondensing	
Audible Noise	≤65dB	≤68dB

PHYSICAL

Dimension (W*D*H) mm	1100*900*1800	1200*900*1900	1400*900*2000	1600*900*2000				
Weight (kg)	900	1000	1130	1220	1460	1600	1800	2000

PowerAurora Series Off-line UPS (0.5-3KVA)

Overview:

PowerAurora Series UPS is off-line UPS with the most advanced DSP control technology which can protect the sensitive device from utility fail, over/under voltage, surges, transients, spikes and other electrical abnormalities. With automatic boot voltage regulation and wide input voltage range, PowerAurora is a good choice to be applied to all kinds of complex power environment.

Features:

- Advanced with AVR perform;
- Spike, surge, RFI noise protection;
- Advanced PWM mosfet technology;
- Automatic booting when the Power recovers;
- Auto recharging;
- Overvoltage and circuit short protection;
- LED/LCD display;
- Communication Ports.



Socket Type for Customer Choose



P-01

P-02

P-03

P-04

P-05

P-06

P-07

P-08

P-09

Technical Data

Model	Aurora 500	Aurora 600	Aurora 800	Aurora 1000	Aurora 1200	Aurora 1500	Aurora 2000	Aurora 3000
Capacity	500VA	600VA	800VA	1000VA	1200VA	1500VA	2000VA	3000VA
	300W	360W	480W	600W	720W	900W	1200W	1800W

INPUT

Input Voltage	110/120VAC or 220/230/240VAC	220VAC
Input Voltage Range	85 ~ 150VAC/145 ~ 290VAC	175 ~ 275VAC
Input Frequency	50/60Hz (Auto sensing)	50Hz

OUTPUT

Output Voltage	110/120VAC or 220/230/240VAC	220VAC
Output Voltage Range	102-132VAC/200-255VAC	200-240VAC
Output Frequency	50/60Hz±0.5Hz	50Hz±0.5Hz
Waveform	PWM (DC mode)	PWM (DC mode)

SYSTEM

Transfer Time	Typical 2-6ms, Max≤10ms						≤10ms	
QTY&Capacity of Battery	1*12V/ 4.5AH	1*12V/ 7AH	1*12V/ 9AH	2*12V/ 7AH	2*12V/ 7.5AH	2*12V/ 9AH	4*12V/ 7AH	4*12V/ 9AH
Charging Period	4 ~ 6h to 90% capacity						10 ~ 16hours	
Protection	Low voltage, overload and short circuit protection							
Operation Temperature	0-40°C							
Relative Humidity	20%-90%(non-condensing)							
Noise	≤40dB							
Net Weight (Kg)	4	5.5	6	10.2	10.2	10.6	19	21
Dimension (mm)	250*95*140	305*85*140		335*118*190		340*110*265	408*145*220	
Optional	LED/LCD, RJ45/11&USB							

PowerRunning Series Online UPS (1-10KVA)

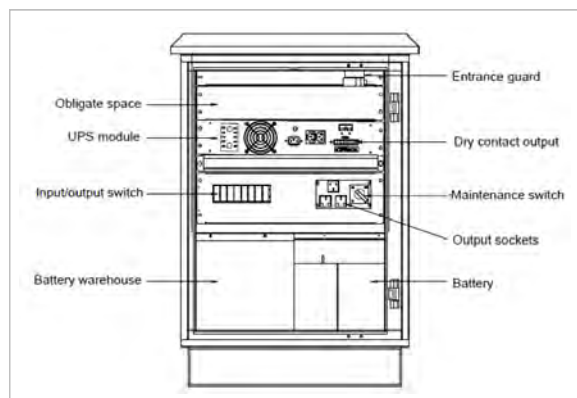


Overview

PowerRunning series UPS is specially designed for outdoor communication & networking equipment, traffic control system and other applications of city corner, countryside, or mountainous area. High temperature resistance, frost resistance, corrosion resistant, dust prevention, and water resistance are based. With advanced functions like wide range of input voltage and frequency, high reliability, energy saving, environmental protection, anti-thunder, remote control, remote detection, our UPS can guarantee stable power supplying to communication, networking, traffic control and other device. It is a type of ideal helpmate for running these important outdoor devices.

Features

- Strong environment adaptability;
- High reliability, energy saving, environmental protection;
- IP class can reach to IP55;
- Internal battery warehouse;
- Wide adaptability to power grid;
- Unattended and intelligent monitoring (Option);
- Comprehensive protection function.



Technical data

MODEL	PR1K	PR2K	PR3K	PR6K	PR10K
Capacity	1KVA/0.7KW	2KVA/1.4KW	3KVA/2.1KW	6KVA/4.2KW	10KVA/7KW

INPUT

Voltage Range	115 ~ 295VAC ($\pm 3\text{VC}$)	176 ~ 297VAC ($\pm 3\text{VC}$)
Frequency Range	50HZ(46 ~ 54Hz)/60HZ (56-64HZ)	
Soft Start	0 ~ 100%, 5sec	
Power Factor	0.98	

OUTPUT

Voltage	220/230/240VAC
Voltage Precision	$\pm 2\%$
Frequency Precision	50/60Hz $\pm 0.05\text{Hz}$
Power Factor	0.7/0.8(Optional), standard 0.7
Wave Distortion	Linear load $< 3\%$; Non-linear load $< 6\%$
Overload Capability	110% ~ 150%, for 30 seconds later, transfer to bypass;
	$> 150\%$, for 200ms later, transfer to bypass;
	When load is normal, it can automatically transfer to normal mode.
Crest Factor	3:1
Transfer Time	0ms (line to inverter)

BATTERY

DC Voltage	36VDC	96VDC	96VDC	240VDC	240VDC
Charge Current	4A/8A (optional)	4A/8A (optional)	4A/8A (optional)	4.2A	4.2A
Battery Capacity	Optional (Battery type and capacity choose by customer)				

SYSTEM

Display	LCD+LED				
Interface	RS232, SNMP card (optional), Dry contact (optional)				
IP class	IP55				
Noise	50dB(1m away)				
Temperature	$-25^{\circ}\text{C} \sim 55^{\circ}\text{C}$ (operation, heater optional)				
Humidity	0 ~ 95% (Non-condensing)				
Altitude	1500m				
Weight (KG)	85	125	125	125	155
Dimension (W*D*H) (mm)	613*640*954	650*753*1227		940*940*1770	

PowerGuiding Series Industrial UPS

PG 1P: 3:1 phase

PG 3P: 3:3 phase



Features

- Full digital control technique;
- Intelligent detecting and monitoring function;
- Digital control static switch and zero changeover time;
- Full isolation between input and output;
- DC panel and utility power are full isolated;
- Uses electric power standard cabinet;
- It's provided with over voltage protection, under voltage protection, over current protection, short circuit protection and some other protection functions;
- Large LCD can display the input voltage, output voltage, current, frequency, battery voltage, charge-discharge current value, fault and other running conditions in Chinese and English;
- At most 256 pieces of historic records can be showed. This makes it easier for users to analyze the power supply condition;
- The static state bypass has strong anti-overload capacity.

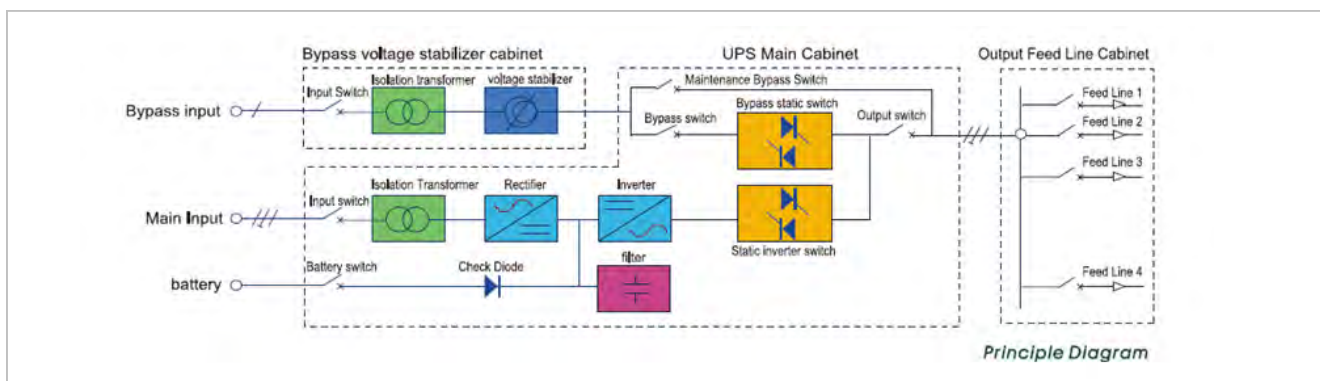
Overview

The PowerGuiding Series UPS is one of the best performing and most reliable three phase UPS systems, providing critical power protection for industrial applications. PowerGuiding series UPS system operates in on-line double conversion, yielding the maximum levels of power reliability for all mission critical processes.

Applications

- Chemical factories
- Power generating plants
- Power distribution stations
- Electrical substations
- Electric power communication systems

Principle Function Diagram



Technical data

MODEL	PG 1P10K	PG 1P15K	PG 1P20K	PG 1P30K	PG 1P40K	PG 1P60K	PG 1P80K	PG 1P100K
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA
	8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW

MAIN INPUT

Rated voltage	380/400/415VAC, three-phase
Voltage range	±20%
Frequency range	50/60Hz ± 5%
Power factor	≥0.8
Distortion (THDi)	< 5% (with harmonic filter)
Soft Start	0-100% in 10 seconds

BYPASS INPUT

Rated voltage	220/230/240VAC, single-phase
Voltage range	±15% (selectable from ±10% to ±15% from front panel)
Rated frequency	50/60Hz
Frequency range	±2% (selectable from ±1% to 5% from front panel)

BATTERY

Type	Maintenance-free lead-acid VRLA AGM/GEL; NiCd (BAT Voltage: 110/220/384/480VDC)
Recharge current	0.2×C10(Max)
Place room	External Battery

INVERTER OUTPUT

Rate voltage (V)	220/230/240VAC ,single-phase
Voltage Precision	±1%
Frequency	50/60Hz±0.05Hz
Crest factor	3:1
Distortion (THDu)	≤2% THD, liner load; ≤5%THD,no-linear load
Overload	110% 125% 150% of the rated current for 5h/10'/1'

SYSTEM

Display	LCD+LED							
Communication	RS232,remote contacts							
Operation temperature	0°C / +40°C							
Humidity	< 95% non condensing							
Noise	54dB(1m away)	60dB(1m away)						65dB(1m away)
IP class	can up to IP42							
Efficiency	Line mode: 94%; ECO mode: 98%							
Weight (KG)	300	500	700	750	850	1200	1500	1800
Dimensions: (W*D*H) (mm)	600*800*1900				800*800*1900		1200*800*1900	

Technical data

MODEL	PG 3P10K	PG 3P15K	PG 3P20K	PG 3P30K	PG 3P40K	PG 3P60K	PG 3P80K	PG 3P100K
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA
	8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW

MAIN INPUT

Rated voltage	380/400/415VAC, three-phase
Voltage range	±20%
Frequency range	50/60Hz ± 5%
Power factor	≥0.8
Distortion (THDi)	< 5% (with harmonic filter)
Soft Start	0-100% in 10 seconds

BYPASS INPUT

Rated voltage	380/400/415VAC, three-phase
Voltage range	±15% (selectable from ±10% to ±25% from front panel)
Rated frequency	50/60Hz
Frequency range	±2% (selectable from ±1% to 5% from front panel)

BATTERY

Type	Maintenance-free lead-acid VRLA AGM/GEL; NiCd (BAT Voltage: 110/220/384/480VDC)
Recharge current	0.2×C10(Max)
Place room	External Battery

INVERTER OUTPUT

Rate voltage (V)	380/400/415VAC, three-phase
Voltage Precision	±1%
Frequency	50/60Hz±0.05Hz
Crest factor	3:1
Distortion (THDu)	≤2% THD, liner load; ≤5%THD,no-linear load
Overload	110% 125% 150% of the rated current for 5h/10'/1'

SYSTEM

Display	LCD+LED							
Communication	RS232,remote contacts							
Operation temperature	0°C / +40°C							
Humidity	< 95% non condensing							
Noise	54-62dB(1m away)						54-65dB(1m away)	
IP class	can up to IP42							
Efficiency	Line mode: 94%; ECO mode: 98%							
Weight (KG)	150	300	500	700	750	1000	1200	1500
Dimensions: (W*D*H) (mm)	600*800*1900				800*800*1900		1200*800*1900	



***Supplied Worldwide by
EverExceed Corporation***