### **POWER SERIES** 1:1 Phase PF 0.9 (PF 1.0 optional)



#### Power 1kVA



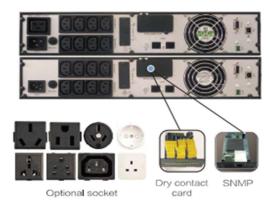
#### **Features:**

- Rack/Tower Convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12 A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator Compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-Computer interface
- Multiple protection function:: short-circuit, overload overheat, battery
- Over charge and over discharge, output low voltage and fan fault alarm.



Multifunctional bracket

The LCD panel can be rotated



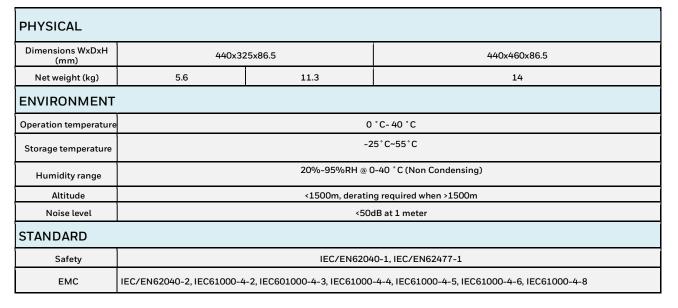
Multifunction

www.korekonect.com



IDENSITY INTERNATION INT	MODEL	К	PU-1000		KPUB-1000			
Nominal voltage enge     205/220/240Vac       Input voltage enge     110-300Vsc(176-280Vac; 3100%pad)       Frequery range     40-70Hz (500Hz Auto-Sensing)       Power factor     0.99       OUTPUT     001000 TON       Output voltage     205/220/230/240Vac       Power factor     0.9       Output voltage     0.9       Power factor     0.9       Output voltage regulation     11%       Output frequency     Batt Mode:       Output seveform     Pure Sinewave       Output waveform     Pure Sinewave       Overload Capacity     Line Mode: Load + 110% last Omin; ± 150% last Imin; ± 150% las	Capacity			1000VA/900W				
Input voltage range Input voltage Input Reguency Input Voltage Input Reguency Input Voltage Input Voltage Input Reguency Input Voltage Input Voltage Input Voltage Input Voltage Input Reguency Input Voltage Input Reguency Input Voltage Input Reguency Input Voltage Input Reguency Input Reguency Input Voltage Input Reguency Input Voltage Input Reguency Input Reguency Input V	INPUT							
Frequery range     40-70Hz (\$0/60Hz Auto-Sensing)       Power factor     ± 0.99       OUTPUT     00Hput voltage       Output voltage     208/220/230/240/vac       Power factor     0.9       Voltage regulation     ± 1%       Output voltage     0.9       Voltage regulation     ± 1%       Output voltage     0.9       Voltage regulation     ± 1%       Crest Factor     3.01       Harmonic Distortion (THDv)     ± 3% for lineer Load;       Transfer Time     AC Mode to Battery Mode : Oms Inverter Mode to Dyske Mode : Oms       Output waveform     Pure Sinewave       Overload Capacity     Line Mode: Load : 110% last 60min: ± 150% last 1min: ± 50% for Non Linear Load;       System Mode     40A (Breaker)       Bypass Mode     40A (Breaker)       EFFICIENCY     3< 2	Nominal voltage		2	08/220/230/240Vac				
Power factor     2.0.39       OUTPUT       OUTPUT     0.3       Output votage     208/220/230/240/Vec       Power factor     0.3       Votage regulation     1.1%       Output frequency     66.544z       Output frequency     8.84.Mode: (GV/S0.1/%)tptz       Creat Factor     3.01       Harmonic Distortion (TROP)     1.3% for linear Load; (SV/S0.1/%)tptz       Transfer Time     AC. Mode to Battery Mode: 0 ms Inverter Mode to Bypass Mode       Output waveform     Pure Sinewave       Output waveform     Pure Sinewave       Overload Copacity     Line Mode: Load : 110% just S0miln; : 125% last 1min; : 155% last 1min; : 155% last 1min; : 155% last 1min;       Bypass Mode     404 (Breaker)       EFFCIENCY     63.4 (Breaker)       Battery Number     2     3     2     3       Battery Number     2     3     2     3       Cacadity (Steadard unit)     93/V12V     41.1Vdc11%     41.1Vdc11%       Charging Votage     27.4Vdc11%     41.1Vdc11%     1A       INDICATORS     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery tow votage, Overload & UPS fault     1A       LED Display     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery votage, Inner temperature & Remaining battery backup time     1A       NDICATORS     Line m	Input voltage range	110-300Vac(176-280Vac@100%bad)						
OUTPUT           Output voltage         208/220/230/240Vac           Power factor         0.9           Voltage regulation         1%           Output frequency         46:544z or 55:644z           Output frequency         Batt Model: (26/260:0.1%)/tz           Crest Factor         30.1           Harmonic Distortion (YHDv)         : 3% for Linear Load; : 5% for Non Linear Load; : 5% for Non Linear Load; : 5% for Non Linear Load; : 15% for Non Linear Load;           Output waveform         Pure Sinewave           Output waveform         Pure Sinewave           Overload Capacity         Line Mode: Load : Disk last Opini; : 150% last Linin; : 155% turn to bypass Mode :0 ans Inverter Mode to Bypass Mode :0 ans Inverter Mode to Bypass Mode :0 ans           Bypass Mode         40A (Breaker)         63A (Breaker)           EFFICIENCY         63A (Breaker)         63A (Breaker)           Ka Mode         89%         88           Battery Mode         89%         89%           Battery Mode         63/12A         1A           INDICATORS         Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault           LED Diaplay         Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Inner temperature & Remaining battery backup time           LED Diaplay         Line mode, Bat. Mode, ECO mode, Bypa	Frequeny range		40-70H	lz (50/60Hz Auto-Sensing)				
Output voltage     208/220/230/240Vac       Power factor     0.3       Voltage regulation     11%       Output frequency     Inner Mode: (65/56): 0.1%)Hz       Output frequency     Batt. Mode: (65/56): 0.1%)Hz       Creat Factor     301       Harmonic Distortion (THDV)     3% for Inner Load: 15% for Non Linear Load: 15% for Non Linear Load:       Transfer Time     Inner Mode: Load: 110% batt B0min; 125% bart 10min; 150% batt 1min; 15% for Non Linear Load:       Output waveform     Pure Sinewave       Output waveform     Pure Sinewave       Output waveform     Line Mode: Load: 110% batt B0min; 125% bart 10min; 150% batt 1min; 15% for Non Linear Load:       Output waveform     Pure Sinewave       Output waveform     Vere Sinewave       Overload Capacity     Line Mode: Load: 110% batt B0min; 125% bart 10min; 150% batt 10min; 15% for Non Linear Load:       Battery Mode     40A (Breaker)     63A (Breaker)       EFFICIENCY     Satury Mode     30       Stattery Munber     2     3     2       Gapacity     Sah/12V     Sah/12V       Typical recharging time     4Hours (to 90% of full capacity)       Charging Voltage     27.4Vdc:1%     41.1Vdc:1%       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery Iow voltage, Overload & UPS fault     Inner temperature & Battery Mode       Line mode, Bat. Mode, ECO mode, By	Power factor			≥ 0.99				
Power factor     0.9       Voltage regulation     11%       Output frequency     46-54Hz or 55-64Hz       Output frequency     301       Harmonic Distortion (THDo)     1% for Unser Load 55% for Non Linear Load 55% for Non Linear Load       Transfer Time     AC Mode to Battery Mode 0 ms       Output waveform     Pure Sinewave       Overload Capacity     Line Mode: Cama 110% last 60min; ± 125% last 10min; ± 150% last 1min; ±150% turn to bypass mode immediately       Bypass Mode     40A (Breaker)     63A (Breaker)       EFFICIENCY     3     2     3       AC Mode     85%       Battery Number     2     3     2     3       Capacity     Stand Unit Coo 90% of full capacity)     41.1Vdcs1%     41.1Vdcs1%       Charging Voltage     27.4Vdcs1%     41.1Vdcs1%     41.1Vdcs1%       Charging Current(Max)     6A/12A     1A       INDICATORS     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Inner temperature & Remaining battery buck to time       LED Display     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Inner temperature & Remaining battery back to time       ALARM     Battery Inov     Beeping every 4 seconds       Battery Inov     Beeping every second	OUTPUT							
Voltage regulation       1%         Output frequency       Line Mode::         0utput frequency       Bat. Mode:         Creat Factor       30.1         Harmonic Distortion (THDV)       : 3% for Linear Load;         Transfer Time	Output voltage		2	08/220/230/240Vac				
Utiput frequency         Line Mode:           0utput frequency         68-5MFz           Crest Factor         3.01           Harmonic Distortion (THDo)         3.09% for Kine Linear Load;           Transfer Time         AC Mode to Battery Mode; 0 ms Inverter Mode to Bypass Mode: 0 ms           Output waveform         Pure Sinewave           Overload Capacity         Line Mode:Load ± 110% last Omin; ± 150% last 10min; ± 150% last 10m	Power factor			0.9				
Output frequency         Bat: Mode: (50/602 0.1%)Hz           Creat Factor         3.01           Harmonic Distrition (THD)         : ************************************	Voltage regulation			± 1%				
Output frequency (50/60 0.1%)HzCreet Factor3.01Harmonic Distortion (THDv) $2.3\%$ for Linear Load: $5.\%$ for Non Linear Load: $5.\%$ Output waveform $-2.5\%$ for Non Linear Load: $5.5\%$ for Non Linear Load: $5.5\%$ for Non Linear Load: $5.5\%$ for Non Linear Load: $5.5\%$ for Linear Load: $5.5\%$ Output waveform $-2.5\%$ Battery Mode $4.04$ (Breaker)EFFICIENCY $5.\%$ AC Mode $-3.\%$ for Line Mode: Load \$110\% to \$5\%Battery Mumber23232Capacity (Standard anti) $2.\%$ Gattery Mumber23232Charging Voltage $27.4Vdc:1\%$ ALLine Mode: ECO mode, Bypass mode, Battery low voltage, Overload & UPS faultLED DisplayInput voltage, Input mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Inner temperature & Remaining battery backup timeALARMInput voltage, Input voltage, Output voltage								
Creat Factor3:01Harmonic Distortion (THDw): 3 % for Unear Load; : 5 % for Non Linear Load; : 1 % Non Linear Load; 	Output frequency			Bat. Mode:				
Harmonic Distortion (THDv)       ≤ 3% for Linear Load: ≤ 5% for Non Linear Load: ≤ 5% for Non Linear Load:         Transfer Time       Loc Mode to Battery Mode; 0 ms Inverter Mode to Byass Mode; 0 ms         Output waveform       Pure Sinewave         Overload Capacity       Line Mode: Load ≤ 110% last 60mir; ± 125% last 10min; ± 150% last 1min; >150% turn to bypass mode immediately         Bypass Mode       40A (Breaker)       63A (Breaker)         EFFICIENCY       85%         Battery Mode       2       3       2       3         Battery Mode       2       3       2       3       3       3         Battery Mode       2       3       2       3 <th< td=""><td>Crest Factor</td><td></td><td></td><td></td><td></td></th<>	Crest Factor							
(THDv)         ≤ 5% for Non Linear Load           Transfer Time         AC. Mode to Battery Mode: 0 ms Inverter Mode to Bypass Mode: 0 ms           Output waveform         Pure Sinewave           Overload Capacity         255% isst 10min; ± 150% isst 10mi								
Transfer line         Inverter Mode to Bypass Mode: 0 ms           Output waveform         Pure Sinewave           Overload Capacity         Quitput waveform           Bypass Mode         Quitput Market State Mode: Omit: 125% last 10min; 10min; 125% last 10min; 10								
Overload Capacity     Line Mode: Load \$ 110% last 60min; \$ 125% last 10min; \$ 150% last 1min; \$ 150% last 10min; \$ 150%	Transfer Time							
Overlaad Lapacity       >150% turn to bypass mode immediately         Bypass Mode       40A (Breaker)       63A (Breaker)         EFFICIENCY       5%         AC Mode       5%         Battery Mode       5%         Battery Mode       5%         Battery Mode       3       2         Battery Mode       3       2       3         Capacity (Standard unit)       2       3       2       3         Capacity (Standard unit)       27.4Vdc:1%       41.0Vdc:1%       41.0Vdc:1%         Charging Voltage       27.4Vdc:1%       41.1Vdc:1%       41.0Vdc:1%         Charging Current(Max)       6A/12A       1A       1A         INDICATORS       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaing battery backup time       Battery notage, Input voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaing battery backup time         Battery Input voltage, Input roltage, Input roltage, Output roltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaing battery backup time       Battery voltage, Input roltage, Input roltage, Output roltage, Output frequency, Load percentage, Battery voltage, Input roltage, Input roltage, Input voltage, Output roltage, Input roltage, Input roltage, Input roltage, Input roltage, Input roltage, Input voltage, Input roltage, Input roltage, Input roltage, Input roltage, In	Output waveform			Pure Sinewave				
EFFICIENCY         AC Mode       89%         Battery Mode       85%         BATTERY       85%         BATTERY       3       2       3         Capacity (Standard unit)       9Ah/12V       3       3         Typical recharging time       4 Hours (to 90% of full capacity)       41.1Vdcs1%       27.4Vdc±1%       41.1Vdcs1%         Charging Voltage       27.4Vdc±1%       41.1Vdcs1%       1A       1A         INDICATORS       6A/12A       1A       1A         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault       UPS fault         ALARM       Battery mode       Beeping every 4 seconds       Battery node         Battery low       Beeping every second       Beeping every second       Overload	Overload Capacity	L						
AC Mode       Battery Mode       B9%         Battery Mode       85%         BATTERY         Battery Number       2       3       2       3         Capacity       2       3       2       3         Capacity (Standard unit)       2       4       9Ah/12V       3         Typical recharging time       27.4Vdc±1%       41.1Vdc±1%       27.4Vdc±1%       41.1Vdc±1%         Charging Voltage       27.4Vdc±1%       41.1Vdc±1%       27.4Vdc±1%       41.1Vdc±1%         Charging Current(Max)       GA/12A       1A       1A         INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault       Overload & Seping every 4 seconds         Battery mode       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time       Eleping every 4 seconds         Battery Iow       Beeping every 4 seconds       Beeping every second       Decina cond         Overload       Overload       Beeping twice every second       Beeping twice every second	Bypass Mode	4	0A (Breaker)		63A (Breaker)			
Battery Mode       B5%         BATTERY       S5%         Battery Number       2       3       2       3         Capacity (Standard unit)       2       3       2       3         Capacity (Standard unit)       2       3       2       3         Typical recharging time       4       9Ah/12V       3       3         Charging Voltage       27.4Vdc±1%       41.0Vdc±1%       27.4Vdc±1%       41.0Vdc±1%         Charging Current(Max)       6A/12A       27.4Vdc±1%       41.0Vdc±1%       41.0Vdc±1%         INDICATORS       Indicator       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time       Settery voltage, Inner temperature & Remaining battery backup time         ALARM       Beattery mode       Beeping every second       Beeping every second         Battery low       Gevenda       Beeping every second       Gevenda         Overload       Beeping every second       Beeping every second       Gevenda	EFFICIENCY							
Battery Mode       B5%         BATTERY       S5%         Battery Number       2       3       2       3         Capacity (Standard unit)       2       3       2       3         Capacity (Standard unit)       2       3       2       3         Typical recharging time       4       9Ah/12V       3       3         Charging Voltage       27.4Vdc±1%       41.0Vdc±1%       27.4Vdc±1%       41.0Vdc±1%         Charging Current(Max)       6A/12A       27.4Vdc±1%       41.0Vdc±1%       41.0Vdc±1%         INDICATORS       Indicator       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time       Settery voltage, Inner temperature & Remaining battery backup time         ALARM       Beattery mode       Beeping every second       Beeping every second         Battery low       Gevenda       Beeping every second       Gevenda         Overload       Beeping every second       Beeping every second       Gevenda	AC Mode			89%				
BATTERY         Battery Number       2       3       2       3         Capacity (Standard unit)       9Ah/12V       3       3       3         Capacity (Standard unit)       9Ah/12V       9Ah/12V       3         Typical recharging time       4 Hours (to 90% of full capacity)       41.1Vdc±1%       41.1Vdc±1%         Charging Voltage       27.4Vdc±1%       41.1Vdc±1%       27.4Vdc±1%       41.1Vdc±1%         Charging Current(Max)       6A/12A       1A       1A         INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault       UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         Battery mode         Battery low       Beeping every 4 seconds         Battery low       Beeping every second       Geeping twice every second         Overload       Overload       Beeping twice every second								
Capacity (Standard unit)       9Ah/12V         Typical recharging time       4 Hours (to 90% of full capacity)         Charging Voltage       27.4Vdc±1%       41.1Vdc±1%         Charging Current(Max)       6A/12A       1A         INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         Battery mode       Beeping every 4 seconds         Battery low       Beeping every second         Overload       UPS fault	BATTERY							
(Standard unit)       SAN/12V         Typical recharging time       4 Hours (to 90% of full capacity)         Charging Voltage       27.4Vdc±1%       41.1Vdc±1%         Charging Current(Max)       GA/12A       1A         INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         Battery mode       Beeping every 4 seconds         Battery low       Beeping every second         Overload       Meeping twice every second	Battery Number	2	3	2	3			
Typical recharging time       4 Hours (to 90% of full capacity)         Charging Voltage       27.4Vdc±1%       41.1Vdc±1%       27.4Vdc±1%       41.1Vdc±1%         Charging Current(Max)       6A/12A       1A       IA         INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         Battery mode       Beeping every 4 seconds       Beeping every 4 seconds         Battery low       0verload       Beeping twice every second				9Ah/12V				
Charging Voltage     27.4Vdc±1%     41.1Vdc±1%     27.4Vdc±1%     41.1Vdc±1%       Charging Current(Max)     6A/12A     1A     1A       INDICATORS     Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault       LED Display     lnput voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time       Battery mode     Beeping every 4 seconds       Battery low     Beeping every 4 second       Overload     UPS fault			() Have					
Charging Current(Max)       6A/12A       1A         INDICATORS       Image: Comparison of the provide	Typical recharging time							
INDICATORS         LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         ALARM       Battery mode       Beeping every 4 seconds         Battery low       Beeping every second         Overload       Overload       Beeping twice every second	Charging Voltage	27.4Vdc±1%	41.1Vdc±1%	27.4Vdc±1%	41.1Vdc±1%			
LED Display       Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         ALARM       Battery mode       Beeping every 4 seconds         Battery low       Beeping every second       Overload         Overload       Imput voltage       Imput voltage	Charging Current(Max)	6A	/12A		1A			
LED Display       UPS fault         LCD Display       Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time         ALARM       Battery mode       Beeping every 4 seconds         Battery low       Beeping every second         Overload       Beeping twice every second	INDICATORS							
LCD Display     Remaining battery backup time       ALARM       Battery mode     Beeping every 4 seconds       Battery low     Beeping every second       Overload     Beeping twice every second	LED Display	Li						
Battery mode     Beeping every 4 seconds       Battery low     Beeping every second       Overload     Beeping twice every second	LCD Display	Input voltage, Input fre						
Battery low     Beeping every second       Overload     Beeping twice every second	ALARM							
Overload Beeping twice every second	Battery mode		Be	eping every 4 seconds				
	Battery low		E	eeping every second				
Fault Continuously beeping	Overload	Beeping twice every second						
	Fault	Continuously beeping						

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Specifications are subject to change without prior notice.

When output voltage is 208Vac, need to derate to 80% of the unit capacity.

#### BATTERY CABINET-TECHNICAL SPECIFICATION

MODEL	KPBC-9A04	KPBC-9A06	KPBC-9A08	KPBC	-9A12	KPBC-96A08		
BATTERY SYSTEM								
Battery type		VRLA (L	ead acid maintenance fr	ee battery)				
Typical battery recharge time		6-8	hours (to 90% of full ca	pacity)				
Typical battery Life		3-5 years, depend o	on discharging cycle and	ambient ter	nperature			
System voltage	24Vdc	36Vdc	48Vdc	72	Vdc	96Vdc		
Battery quantity	4	6	8	1	.2	8		
Capacity		9	Ah/12V (7Ah/12V optio	nal)				
PHYSICAL								
Dimensions WxDxH (mm)	440x4	30x86.5	440x550x86.5	440x71	L0x86.5	440x550x86.5		
Net weight (kg)	1	7.4	22.5	31.5	44	31.5		
ENVIRONMENT	ENVIRONMENT							
Safety	CE							
Operation temperature	0 °C- 40 °C							
Relative humidity	0-95% (Non Condensing)							
Noise level	<40dB at 1 meter							

### **POWER SERIES** 1:1 Phase PF 0.9 (PF 1.0 optional) Power 2kVA





#### Features:

- Rack/Tower Convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC н.
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12 A (Long run unit) н.
- Emergency power off function (EPO)
- ECO mode operation for energy saving н.
- **Generator Compatible**
- Hot-Swappable battery design
- Cold start н.
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-Computer interface
- Multiple protection function:: short-circuit, overload overheat, battery
- Over charge and over discharge, output low voltage and fan fault alarm. н.



Multifunctional bracket

The LCD panel can be rotated



Optional socket

card





## **Technical Specifications**

KPU-2000 KPUB-2000						
2000VA/ 1800W						
208/220/230/240Vac						
	110-300Vac(1	176-280Vac@100%bad)				
	40-70Hz (50	0/60Hz Auto-Sensing)				
		≥ 0.99				
	208/2	20/230/240Vac				
		0.9				
		±1%				
	(50,	· · · · ·				
		,				
	Ρι	ure Sinewave				
Line	Line Mode: Load ≤ 110% last 60min; ≤ 125% last 10min; ≤ 150% last 1min; >150% turn to bypass mode immediately					
404	(Breaker)	63A	(Breaker)			
		91%				
		87%				
4	6	4	6			
		9Ah/12V	•			
	4 Hours (to	90% of full capacity)				
54.8Vdc±1%	82.4Vdc±1%	54.8Vdc±1%	82.4Vdc±1%			
(	6A/12A		1A			
		•				
Line n		Bypass mode, Battery low vol UPS fault	tage, Overload &			
Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time						
	Beepin	g every 4 seconds				
		g every 4 seconds ng every second				
	Веері					
	Line n	200 208/2 110-300Vac(2 40-70Hz (50 208/2 208/2 208/2 208/2 208/2 46-5 (50 (50 46-5 (50 46-5 (50 (50 46-5 (50 (50 (50 (50 (50 (50 (50 (5	2000VA/ 1800W           208/220/230/240Vac           110-300Vac(176-280Vac@100%bad)           40-70Hz (50/60Hz Auto-Sensing)           ≥ 0.99           208/220/230/240Vac           0.9           ± 1%           Line Mode:           46-54Hz or 56-64Hz           Bat. Mode:           (50/60± 0.1%)Hz           301           : 3% for Linear Load;           : 5% for Non Linear Load           : 5% for Non Linear Load           AC Mode to Battery Mode : 0 ms           Inverter Mode to Bypass Mode: 0 ms           Inverter Mode to Bypass Mode: 0 ms           10% turn to bypass mode immediately           ×150% turn to bypass mode immediately           ×150% turn to bypass mode immediately           40A (Breaker)         63A           4         6           4         6           4         6           4         6           4         6           4         6           4         6           4         6           4         6           4         6           4         6           4         6 <td< td=""></td<>			





PHYSICAL		
Dimensions WxDxH (mm)	440x600x86.5	440x460x86.5
Net weight (kg)	10.5	19.5
ENVIRONMENT		
Operation temperature		0 °C- 40 °C
Storage temperature		-25°C~55°C
Humidity range	20%-95%RI	H @ 0-40 °C (Non Condensing)
Altitude	<1500m, de	rating required when >1500m
Noise level		<50dB at 1 meter
STANDARD		
Safety	IEC/EN	62040-1, IEC/EN62477-1
ЕМС	IEC/EN62040-2, IEC61000-4-2, IEC601000-4	-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8

Specifications are subject to change without prior notice.

When output voltage is 208Vac, need to derate to 80% of the unit capacity.

#### BATTERY CABINET-TECHNICAL SPECIFICATION

MODEL	KPBC-	9A04	KPBC-9A06	KPBC-9A08	KPBC	-9A12	KPBC-96A08		
BATTERY SYSTEM	BATTERY SYSTEM								
Battery type	9		VF	RLA (Lead acid maintena	ince free batte	ry)			
Typical battery rech	arge time			6-8 hours (to 90% of f	ull capacity)				
Typical battery	Life		3-5 years, de	oend on discharging cyc	le and ambien	t temperatu	re		
System volta	ge	24Vdc	36Vdc	48Vdc	72V	dc	96Vdc		
Battery quant	ity	4	6	8	12		8		
Capacity				9Ah/12V (7Ah/12V	optional)				
PHYSICAL									
Dimensions WxDx	H (mm)	4	40x430x86.5	440x550x86.5	440x710	Dx86.5	440x550x86.5		
Net weight (k	(g)		17.4	22.5	31.5	44	31.5		
ENVIRONMENT	ENVIRONMENT								
Safety		CE							
Operation tempe	Operation temperature			0 °C- 40 °C					
Relative humidity		0-95% (Non Condensing)							
Noise level				<40dB at 1 m	eter				

### **POWER SERIES** 1:1 Phase PF 0.9 (PF 1.0 optional) Power 3kVA





#### Features:

- Rack/Tower Convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12 A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator Compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-Computer interface
- Multiple protection function:: short-circuit, overload overheat, battery
- Over charge and over discharge, output low voltage and fan fault alarm.



Multifunctional bracket

The LCD panel can be rotated



Optional socket

contact SN





MODEL	KPU-3000			KPUB-3000			
Capacity		3000V	A/2700W				
INPUT							
Nominal voltage		208/220/	230/240Vac				
Input voltage range	110-300Vac(176-280Vac@100%bad)						
Frequeny range		40-70Hz (50/60	) OHz Auto-Sensing)				
Power factor		2	0.99				
OUTPUT							
Output voltage		208/220/	230/240Vac				
Power factor			0.9				
Voltage regulation		±	1%				
			Mode: or 56-64Hz				
Output frequency			Mode:				
			<u>+ 0.1%)Hz</u>				
Crest Factor			3:01				
Harmonic Distortion (THDv)			Linear Load; on Linear Load				
Transfer Time			ttery Mode ; 0 ms Bypass Mode: 0 ms	5			
Output waveform		Pure S	Sinewave				
Overload Capacity	Line Mode: Load ≤ 110% last 60min; ≤ 125% last 10min; ≤ 150% last 1min; >150% turn to bypass mode immediately						
Bypass Mode	40A (Breaker) 63A (Breaker)						
EFFICIENCY							
AC Mode		9	2%				
Battery Mode		8	8%				
BATTERY							
Battery Number	6		8	6			
Capacity (Standard unit)		9AI	h/12V				
Typical recharging time		4 Hours (to 90 <sup>o</sup>	% of full capacity)				
Charging Voltage	82.2Vdc±1%	82.2Vdc±1%	/o	82.2Vdc±1%			
Charging Current(Max)	6A/12A			1A			
INDICATORS		I					
LED Display	Line mode, Bat. Mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault						
LCD Display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time						
ALARM							
Battery mode	Beeping every 4 seconds						
Battery low	Beeping every second						
Overload	Beeping twice every second						
Fault	Continuously beeping						





PHYSICAL									
Dimensions WxDxH (mm)		440x600x86.5							
Net weight (kg)	25	11	26						
ENVIRONMENT									
Operation temperature		0 °C- 40 °C							
Storage temperature		-25°C~55°C							
Humidity range	:	20%-95%RH @ 0-40 °C (Non Condensing)							
Altitude	<1500m, derating required when >1500m								
Noise level	<50dB at 1 meter								
STANDARD									
Safety		IEC/EN62040-1, IEC/EN62477-1							
ЕМС	IEC/EN62040-2, IEC61000-4-2, 4-8	IEC601000-4-3, IEC61000-4-4, IEC610	00-4-5, IEC61000-4-6, IEC61000-						

Specifications are subject to change without prior notice.

When output voltage is 208Vac, need to derate to 80% of the unit capacity.

#### BATTERY CABINET-TECHNICAL SPECIFICATION

MODEL	KPBC	-9A04	KPBC-9A06	KPBC-9A08	KPBC	-9A12	KPBC-96A08		
BATTERY SYSTEM	BATTERY SYSTEM								
Battery type			VR	LA (Lead acid maintenan	ce free battery	')			
Typical battery rechar	ge time			6-8 hours (to 90% of fu	ll capacity)				
Typical battery L	ife		3-5 years, dep	end on discharging cycle	and ambient	temperatur	e		
System voltage	9	24Vdc	36Vdc	48Vdc	72V	dc	96Vdc		
Battery quantit	у	4	6	8	12		8		
Capacity		9Ah/12V (7Ah/12V optional)							
PHYSICAL									
Dimensions WxDxH	(mm)	440x430x86.5		440x550x86.5	440x710	)x86.5	440x550x86.5		
Net weight (kg	)	17.4		22.5	31.5	44	31.5		
ENVIRONMENT									
Safety	Safety CE								
Operation tempera	Operation temperature		0 °C- 40 °C						
Relative humidity		0-95% (Non Condensing)							
Noise level		<40dB at 1 meter							



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