



## PLUS-II 2KVA~20KVA

### Features: ←

- Microprocessor control guarantees high reliability.
- True on-line double conversion design.
- Extended back up time with external battery bank.
- Adopt the most advanced IGBT devices.
- RS-232 Communication interface.
- Smart UPS monitoring software bundled.
- Auto restart and cold-start functions.
- Intelligent short circuit protection.
- User-friendly LCD & LED display.
- CE certified.



Model	PLUS-II	202	302	402	502	602	802	103	153	203
<b>Capacity</b>	VA / Watts	2KVA 1.4KW	3KVA 2.1KW	4KVA 2.8KW	5KVA 3.5KW	6KVA 4.2KW	8KVA 5.6KW	10KVA 7KW	15KVA 10.5KW	20KVA 14KW
<b>Input</b>	Voltage	100V, 110V, 115V, 120V, 220V, 230V, 240V +25%/-25%						190V, 208V, 220V, 230V, 240V, 380V +25%/-25%		
	Frequency	50Hz OR 60Hz +/- 5%								
	Phase	1Ø2w+G						1Ø2w+G or 3Ø3w+G or 3Ø4w+G		
<b>Output</b>	Voltage	110VAC, 110VAC, 120VAC, 220VAC, 230VAC OR 240VAC								
	THD	3% (Linear Load)								
	Voltage Regulation	+/- 1%						+/- 1% (+/- 3% with ISO Transformer)		
	Frequency Stability	+/- 0.5% (Free running)								
	Crest Factor	3:1								
	Transient Response	+/- 5% (100% load change)								
	Short Circuit	Auto cut-off output no transferring to bypass								
	Wave Form	Sine-Wave								
	Transfer Time	Zero-cross transfer								
	Overload Capacity	105%~150% for 30 seconds > 150% for 10 cycle								
	Efficiency	>=83%								
	<b>Battery</b>	Battery Voltage	Lead acid maintenance-free battery							
Battery Type		192V								
Back up Time (Full)		14 mins	8 mins	6 mins	8 mins	6 mins	5 mins	5 mins	9 mins	5 mins
Recharge Time		5 hours to 90%				8 hours to 90%				
<b>Indicator</b>	LCD	System operating status display, input / output voltage, frequency, output loading%, battery voltage, temperatures °C								
	LED	Line (green), inverter (green), bypass (orange), battery (green), fault (red), overload (orange), over charge (orange), battery level (5 LED indicators)								
<b>Audible Alarm</b>	Utility Power Fail	Beeping every 4 seconds approx. 2 min. Auto-alarm reset								
	Low Battery	Rapid beeping every second as battery approached final discharge								
	Fault, Over Charge	Continuous								
	Overload	Beeping 2 seconds on every other second								
<b>Environment</b>	Humidity	0~90% (non-condensing)								
	Temperature	0°C~40°C (32°F~104°F)								
	Audible Noise	< 50db						< 60db		
<b>Apperance</b>	Weight (kgs)	75	80	88	120	130	140	222	320	336
	Size W*D*H	235*585*620 mm			265*634*735 mm			353*930*1017 mm		
<b>Interface</b>	Communication	Rs232 / Dry Contact or AS 400 (Option)								

Available Through:



### APLUS POWER CORP.

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