



## UPS AQUARIUS PLUS II (1kVA – 3kVA)



The series **AQUARIUS PLUS II**, double conversion online, convertible tower/rack layout features a 3 level charging method, high input and output power factors, efficiency up to 97% (ECO mode), superior input voltage window for Energy saving, estimated time remaining in battery discharge, ECO mode, is an ideal solution for your computer center, network center, communication system, automatic control system or other critical systems, which require comprehensive protection.

### MAIN FEATURES

- 3 Online double conversion
- 3 Power Factor 0.9
- 3 Easy-to-read and adjustable LCD display.
- 3 Convertible Rack/Tower layout
- 3 ECO mode for energy saving
- 3 Expandability
- 3 Output voltage stability (<1%)
- 3 Crest Factor 3:1
- 3 Function: Emergency power off (EPO)
- 3 Hot swappable batteries
- 3 Expandability with external kits
- 3 LAN/SNMP interface card Compliance
- 3 with EN62040 regulations
- 3 Automatic device shutdown and management software via SNMP (compatible with Windows and Linux)



		Aquarius Plus II 1kVA	Aquarius Plus II	Aquarius Plus II 2kVA	Aquarius Plus II 3kVA	
<i>Capacity</i>		1kVA/0.9kW	1.5kVA/1.35kW	2kVA/1.8kW	3kVA/2.7kW	
<b>INPUT</b>	<i>Phase</i>	1 phase (2 wires+ground)				
	<i>Nominal voltage</i>	200/208/220/230/240Vac				
	<i>Operating voltage range</i>	160-300Vac				
	<i>Operating frequency range</i>	40Hz-70Hz				
	<i>Power factor</i>	≥0.99				
<b>OUTPUT</b>	<i>Rated Voltage</i>	200/208/220/230/240Vac				
	<i>Voltage regulation</i>	±1%				
	<i>Power factor</i>	> 0.9				
	<i>Output</i>	<i>Utility Mode</i>	45-55Hz/54-66Hz			
		<i>Battery Mode</i>	50/60±0.1Hz			
	<i>Crest factor</i>	3:1				
	<i>Harmonic distortion (THD)</i>		≤2% with linear load			
			≤4% with nonlinear load			
	<i>Efficiency</i>	<i>AC mode</i>	90%	90%	91%	91%
		<i>ECO Mode</i>	97%	97%	97%	97%
<i>Battery mode</i>		88%	89%	88%	90%	
<b>BATTERY</b>	<i>Type</i>	12V/9Ah	12V/9Ah	12V/9Ah	12V/9Ah	
	<i>Numbers</i>	2	3	4	6	
	<i>Recharge Time to 90%</i>	4hours (standard)				
	<i>Charging current</i>	Max 1.5A				
<b>SYSTEM FEATURES</b>	<i>Transfer Time</i>	Utility to battery: 0ms ; Utility to bypass: 4ms (typical)				
	<i>EPO (optional)</i>	Shut down UPS immediately				
	<i>Status LED &amp; LCD display</i>	Line Mode, Backup mode, Eco mode, Bypass mode, Battery undervoltage, Battery Bad, Overload&Ups fault				
	<i>Reading on LCD display</i>	Input Voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time				
	<i>Communication</i>	USB, RS232, SNMP card/Relay card (optional)				
	<i>Input Connection</i>	IEC C14				
	<i>Output Connection</i>	N.2 SHUKO				
<b>ENVIRONMENT</b>	<i>Operating Temperature</i>	°C °C				
	<i>Storage Temperature</i>	°C °C				
	<i>Humidity Range</i>	20~90% (non-condensing)				
	<i>Noise Level</i>	<50dB @ 1 meter				
<b>PHYSICAL Rack installation</b>	<i>Dimension WxHxD (mm)</i>	440 (19") x 86.5 (2U) x 410		440 (19") x 86.5 (2U) x	440 (19") x 86.5 (2U) x	
	<i>Net weight (kg)</i>	12	15	20	27	
<b>STANDARDS</b>	<i>Safety</i>	CE, IEC/EN62040-1&2, IEC/EN60950-1				
	<i>EMC</i>	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6,				

