

1~3kVA Aquarius Plus UPS



Power Range

1~3kVA



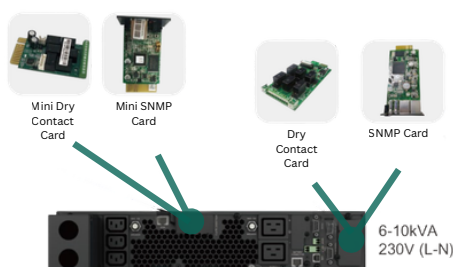
Operation

1P/1P



Main Features

- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- Intelligent fan speed regulation
- Dry contact port optional (4 pins input and 4 pins output)
- Maximum charging current up to 15A
- Multiple communication interface: RS232/USB/RS485/EPO/PDU signal/Battery temperature signal/Battery group signal/Dual Intelligent card slot (Mini card slot optional)



Model		Aquarius Plus II 1kVA	Aquarius Plus II 1,5kVA	Aquarius Plus II 2kVA	Aquarius Plus II 3kVA
Potenza		1kVA / 0,9kW	1,5kVA / 1,35kW	2kVA / 1,8kW	3kVA / 2,7kW
Input	Phase	1 Phase (2 W + GRND)			
	Nominal Tension	200/208/220/230/240 Vca			
	Operational Nominal Voltage	160~300 Vca			
	Operational Frequency	40Hz ~ 70Hz			
	Power Factor	≥0.99			
Battery	Type	12V / 9Ah			
	Quantity	2	3	4	6
	Recharge time to 90%	4 hours (Standard)			
	Charging Current	Max 1,5A			
Output	Nominal Voltage		200/208/220/230/240 Vca		
	Voltage Regulation		±1%		
	Power Factor		>0.9		
	Output Freq	Operation Mode	45-55 Hz / 54-66 Hz		
		Battery Mode	50 / 60 ±0.1 Hz		
	Crest Factor		3:1		
	Harmonic Distortion (THD)		≤2% with linear load ≤4% with non-linear load		
	Efficiency	AC Mode	90%	90%	91%
		ECO Mode	97%	97%	97%
		Battery Module	88%	89%	88%

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Environment	Operating Temperature (C)	0-40			
	Storage Temperature (C)	-25-55			
	Humidity Range	20~95%RH @ 0~40°C (Non condensing)			
	Noise Level	<50			
Physical Rack Installation	Dimensions WxHxD (mm)	440x460x86.5	440x460x86.5	440x600x86	440x600x86
	Net Weight (KG)	14.0	16.5	25	26
Standards	Safety	CE, IEC/EN62040-1&2, IEC/EN60950-1			
	EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-4, IEC61000-4-6, IEC61000-4-8			