NXTPOWER

CLINICAL DIAGNOSTICS & LABORATORY APPLICATIONS ARES PLUS (120VAC) ONLINE UPS SERIES

NXT Power's ARES PLUS series represents a pinnacle in UPS technology, specifically engineered for environments demanding unwavering power reliability. The ARES Plus Series is a online double conversion topology UPS system which is a ideal for applications like clinical diagnostics, analytical instrumentation, and laboratories, where even momentary power disruptions can compromise critical operations.

POWER QUALITY TO PUT YOUR TRUST IN

NXT Power's ARES PLUS series is a premium online double-conversion UPS specifically designed to safeguard critical diagnostic and research equipment. By delivering true sine wave output and providing seamless power protection, the ARES PLUS ensures uninterrupted operations, accurate diagnostics, and data integrity.

NXT POWER

SUITABLE FOR USE WITH:

- > Clinical Diagnostics
- > Analytical Instrumentation
- > Laboratory Applications

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- True Online Double Conversion Topology
- Available in both Benchtop and Rack/Tower Design
- Advanced DSP Control Technology
- Wide Input Voltage Range

- Active Harmonic Current Control
- Multiple Operation Mode
- Includes NXT Power 3-Year Warranty
- UL 1778 Listed



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ARES PLUS ONLINE UPS SERIES

PRODUCT SPECIFICATIONS

	Tower	ARES PLUS 1500	ARES PLUS 2000	ARES PLUS 3000
MODEL	RT	ARES PLUS RT 1500	ARES PLUS RT 2000	ARES PLUS RT 3000
INPUT				
Phase		Single phase with ground		
	ange(VAC)**	55 / 75 / 90 [~] 150VAC		
	y Range(Hz)	44 ~ 66Hz (auto sensing)		
Input Power Factor		0.99 @ nominal voltage 100% linear load		
OUTPUT		1500 / 1350	2000 / 1800	3000 / 2700
Capacity(VA/W) Voltage(VAC)***			able to 100 / 110 / 115 / 120VAC	3000 / 2700
Output Power Factor***		0.9		
Output Voltage Distortion		< 3% @ 100% linear load		
		< 6% @ 100% non-linear load		
Output Voltage Regulation		±1%		
Frequenc	y Range(Hz)	50 / 60Hz ± 1Hz or ± 3Hz (selectable)		
Crest Fa	actor Ratio		3:1	
	Waveform		Pure sine wave	
EFFICIENCY				
	Mode	Up to 92%		
High Effic	ciency Mode		Up to 97%	
	ry Type		d lead acid maintenance free	
	and Number	12V / 9Ah x 3	12V / 9Ah x 4	12V / 9Ah x 6
	ge(Vdc)	36	48	72
	harger Time	4 hours recover to 90% capacity		
NDICATOR				
L	.ED	Normal / Battery / Bypass mode, Battery Bad/	Weak, Fault, Overload, Site wiring fau	it, Outlet1, Outlet2, Load
	ures (Option)	Volatge, Frequency, Load level, Battery level, Output current and Estimated autonomy		
Solf-Di	agnostics	Upon power-on, Front panel sett	ing and Cofficience control 2/Hours to	بامم مام ماد
	agnosaes	open perce en, rent paner set	ing and Soltware control, 24Hours for	
ALARM				
ALARM Audible	e or Visual		w, Transfer to bypass and System faul	
ALARM Audible PROTECTION	e or Visual	Line failure, Battery lo	w, Transfer to bypass and System faul	t
ALARM Audible PROTECTION Full Pr		Line failure, Battery lo		t
ALARM Audible PROTECTION Full Pr FUCTION	e or Visual	Line failure, Battery lo Overload, Over temp	w, Transfer to bypass and System faul	t
ALARM Audible PROTECTION Full Pr FUCTION Mult	e or Visual rotection	Line failure, Battery lo Overload, Over temp	w, Transfer to bypass and System faul erature, Short circuit, ABDM and EPO	t
ALARM Audible PROTECTION Full Pr FUCTION Mult DC Programmable	e or Visual rotection i-Mode	Line failure, Battery lo Overload, Over temp No	w, Transfer to bypass and System faul erature, Short circuit, ABDM and EPO rmal / ECO / CVCF	t
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WE ARE DEDICATED TO PRODUCING THE BEST POWER QUALITY SOLUTIONS AND PRODUCTS FOR YOUR BUSINESS. We manufacture power quality solutions using proven technology and the latest industry knowledge to deliver the cleanest, most reliable power available to businesses in a diverse range of markets and industries.

