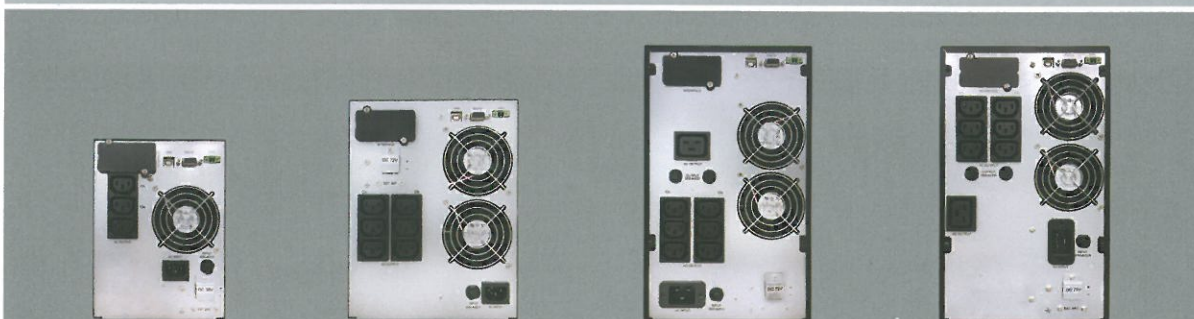


Ares Plus Tower Series DSP-Controlled On-Line UPS

ARES PLUS (RS PLUS) 1000VA~3000VA



- True On-line Double Conversion Topology
- Advanced DSP Control Technology
- Rack / Tower Convertible
- 0.9 Output Power Factor
- Wide Input Voltage Range
- Active Harmonic Current Control
- LCD/LED display
- Patent Backup Runtime Estimation
- Multiple Operation Mode
- Remote Emergency Power Off (REPO)
- Remote On Off control (ROO)
- Optional Programmable Outlets
- Easy Firmware Flash Upgrade



■ ARES PLUS 1000VA ■ ARES PLUS 2000VA ■ ARES PLUS 3000VA ■ ARES PLUS 3000VA x 12P BAT

Specifications

Model	ARES PLUS 1000			ARES PLUS 2000			ARES PLUS 3000											
Input	Phase									Single + G			Single + G					
	Voltage Range**									110~300Vac			55~150 Vac					
	Frequency Range									44-66Hz (Auto sensing)			44-66Hz (Auto sensing)					
	Input Power Factor									>0.99 @ 100% linear load			>0.99 @ 100% linear load					
Output	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W			1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA/2700W								
	Output Voltage***									200/208/220/230/240 Vac			100/110/115/120/127 Vac					
	Output Power Factor***									0.9			0.9					
	Output Voltage Distortion									<3% @ 100% Linear load <7% @ 100% non-linear load			<3% @ 100% Linear load <7% @ 100% non-linear load					
	Output Voltage Regulation									±1%			±1%					
	Frequency Range									±1Hz or ±3Hz (Selectable)			±1Hz or ±3Hz (Selectable)					
	Crest Factor									3:1			3:1					
Efficiency	Output Waveform									Pure Sine Wave			Pure Sine Wave					
	Line Mode									Up to 92%			Up to 92%					
	High Efficiency Mode									Upt to 96.5%			Upt to 96.5%					
Battery	Capacity			12Vdc/7AH			12Vdc/9AH			12Vdc/9AH								
	Battery Number	3	6	6	12	8	2	3	4	6								
	Battery Voltage	36	72	72	72	96	24	36	48	72								
Display	Recharge Time (to 90%)									4 hours								
	LCD measures									Voltage / Frequency / Load level / Battery level / Output current / Estimated autonomy								
	Self-Diagnostics									Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check								
Alarm	Audible or Visual									Line Failure / Battery Low / Transfer to Bypass / System Fault								
	Full Protection									Overload, Over temperature, Short circuit, Discharge, overcharge								
Protection	Multi-Mode									Normal/ ECO/ CVCF								
	DC start									Yes								
Function	Programmable Outlet									Option			Yes					
	Dimensions (WxHxD) mm/inch (****Slim Version)									154x211x382.4 6.1x8.3x15.1	192x250x470 7.6x9.8x18.5	192x319.9x451 7.6x12.6x17.8 (192x250x524.8) (7.6x9.8x20.7)	192x319.9x552.8 7.6x12.6x21.8	192x319.9x486 7.6x12.6x19.1	154x 258 x 404 6.1 x 10.2 x 15.9	154 x 258 x 404 6.1 x 10.2 x 15.9	171 x 288 x 441 6.73 x 11.3 x 17.4	192 x 320 x 553 7.6 x 12.6 x 21.8
	Net Weight(kgs/lbs) (****Slim Version)									11.6/25.6	22.2/48.9	29.8/66.7 (25.4/56)	42.4/93.5	35.2/77.6	12.3/27.1	15/33.1	21.5/47.4	30.5/67.2
Physical	Operation Temperature									0~40°C / 32~104°F								
	Operation Humidity									20%~95%RH (Without condensing)								
	Altitude									1000m/3280ft without Derating								
	Noise Level									≤50dBA @ 1 meter front								
Environmental	Standard									RS-232, EPO			RS-232, USB, EPO, RJ11-RJ45					
	Option									USB, Dry Contact Relay, SNMP/WEB Card			Dry Contact Relay, SNMP/WEB Card					
	Compatible Platforms									Microsoft Windows series, Linux, Mac, etc.			Microsoft Windows series, Linux, Mac, etc.					
Interface	Safety									EN62040-1, UL1778			UL1778					
	EMC									EN62040-2, EN61000-3-2, EN61000-3-3, FCC class A			FCC Class A					
	Marks									CE			cTUVus, FCC, cULus					
	Standards and Certifications***																	

Battery Bank Specifications

Contents	BT08024X	BT06036X	BT08048X	BT12072X	BT18072X	BT16096X	
Rated Battery Voltage	24	36	48	72	72	96	
Number of batteries	8	6	8	12	18	16	
Battery type*	Lead Acid Maintenance Free 12V 7Ah/9Ah						
Dimensions (WxHxD)	mm	171 x 287.6 x 440.6	154 x 258.2 x 403.6	171 x 287.6 x 440.6	192 x 319.9 x 552.8	192 x 319.9 x 552.8	192 x 319.9 x 552.8
	inch	6.7 x 11.3 x 17.3	6.1 x 10.2 x 15.9	6.7 x 11.3 x 17.3	7.6 x 12.6 x 21.8	7.6 x 12.6 x 21.8	7.6 x 12.6 x 21.8

* Specifications subject to change without notice.

** Based on load percentage.

*** The same technical specification products could be sold as different model names in different countries, please consult Ablerex for more information.

**** Slim Version.

