

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			ARES PLUS 1000		ARES PLUS 1500		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									
	Output Waveform	Pure Sine Wave						Pure Sine Wave									
Efficiency	Line Mode	Up to 92%						Up to 92%									
	High Efficiency Mode	Upt to 96.5%						Upt to 96.5%									
	Capacity	12Vdc/7AH			12Vdc/9AH			12Vdc/9AH									
Battery	Battery Number	3	6	6	12	8	2	3	4	6							
	Battery Voltage	36	72	72	72	96	24	36	48	72							
	Recharge Time (to 90%)	4 hours						4 hours									
Display	LCD measures	Volatge / Frequency / Load level / Battery level / Output current / Estimated autonomy						Volatge / Frequency / Load level / Battery level / Output current / Estimated autonomy									
Alarm	Self-Diagnostics	Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check						Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check									
Protection	Audible or Visual	Line Failure / Battery Low / Transfer to Bypass / System Fault						Line Failure / Battery Low / Transfer to Bypass / System Fault									
	Full Protection	Overload, Over temperature, Short circuit, Discharge, overcharge						Overload, Over temperature, Short circuit, Discharge, overcharge									
Function	Multi-Mode	Normal/ ECO/ CVCF						Normal/ ECO/ CVCF									
	DC start	Yes						Yes									
Physical	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							
	Operation Temperature	0~40°C / 32~104°F						0~40°C / 32~104°F									
Environmental	Operation Humidity	20%~95%RH (Without condensing)						20%~95%RH (Without condensing)									
	Altitude	1000m/3280ft without Derating						1000m/3280ft without Derating									
	Noise Level	≤50dBA @ 1 meter front						≤50dBA @ 1 meter front									
	Standard	RS-232, EPO						RS-232, USB, EPO, RJ11-RJ45									
Interface	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.									
	Safety	EN62040-1, UL1778						UL1778									
Standards and Certifications***	EMC	EN62040-2, EN61000-3-2, EN61000-3-3, FCC class A						FCC Class A									
	Marks	CE						cTUVus, FCC, cULus									

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.

