

Ares Plus RT Series DSP-Controlled On-Line UPS

ARES PLUS RT (RS PLUS RT) 1000VA~3000VA
ODIN PLUS RT 1000VA~3000VA



■ ODIN Plus RT Series

■ ARES Plus RT Series(LCD)

- 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



■ 120V ARES PLUS RT 1000.1500VA



■ 120V ARES PLUS RT 2200VA



■ 120V ARES PLUS RT 3000VA



■ 230V ARES PLUS RT 1000VA



■ 230V ARES PLUS RT 2000VA



■ 230V ARES PLUS RT 3000VA

Specifications

Model (Short version)	ARES PLUS RT 1000 (ODIN Plus RT 1000)	ARES PLUS RT 2000 (ODIN Plus RT 2000)	ARES PLUS RT 3000 (ODIN Plus RT 3000)	ARES PLUS RT 1000	ARES PLUS RT 1500	ARES PLUS RT 2000	ARES PLUS RT 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					
	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	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: ±2%			±2%					
	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 90%					
	High Efficiency Mode: Upt to 96.5%			Upt to 96.5%					
Battery	Battery Type: Sealed Lead Acid Maintenance Free 12Vdc			Sealed Lead Acid Maintenance Free 12Vdc					
	Battery Number	2/3	4/6	6	8	2	3	4	6
	Battery Voltage	24/36	48/72	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					
	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					
Alarm	Audible or Visual: Line Failure / Battery Low / Transfer to Bypass / System Fault			Line Failure / Battery Low / Transfer to Bypass / System Fault					
Protection	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					
	Programmable Outlet: Option			Yes					
Physical	Dimensions (WxHxD, mm/inch)	440 x 88 x 405 / 17.3x3.5x15.9	440 x 88 x 600 / 17.3x3.5x23.6	440 x 88 x 600 / 17.3x3.5x23.6	N/A	88 x 440 x 405 / 17.3x3.5x15.4	88 x 440 x 405 / 17.3x3.5x16	88 x 440 x 485 / 17.3x3.5x17.5	88 x 440 x 600 / 17.3x3.5x23.7
	Net Weight (kgs/lbs)	11.7/25.8	21.8/48.0	24.6/54.2	N/A	11/24.2	14.5/32	21/46	27/59.5
Physical (Shoter Version)	Dimensions (WxHxD, mm/inch)	440 x 88 x 405 / 17.3x3.5x16.0	440 x 88 x 485 / 17.3x3.5x19.1	440 x 88 x 600 / 17.3x3.5x23.6	440x176x486.5 / 17.3x6.9x19.2	N/A	N/A	N/A	N/A
	Net Weight (kgs/lbs)	11.7/25.8	23/50.7	25/55.1	31/68.3	N/A	N/A	N/A	N/A
Environmental	Operation Temperature: 0~40°C / 32~104°F			0~40°C / 32~104°F					
	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					
Interface	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.					
Standards and Certifications***	Safety: EN62040-1			UL1778					
	EMC: EN62040-2, EN61000-3-2, EN61000-3-3			FCC Class A					
	Marks: CE			cTUVus, cULus, FCC					

Battery Bank Specifications

Contents****	BC08024-2U	BC06036-2U	BC12036-2U	BC12036-4U	BC08048-2U	BC12072-2U	BC12072-4U	BC08096-4U	
Rated Battery Voltage	24	36	36	36	48	72	72	96	
Number of batteries	8	6	12	12	8	12	12	8	
Battery type****	Lead Acid Maintenance Free 12V 7Ah/9Ah								
Dimensions (WxHxD)	mm	440 x 88 x 430	440 x 88 x 430	440 x 88 x 581	440x176x430	440 x 88 x 430	440x88x581	440 x 176 x 430	440 x 176 x 485
	inch	17.3 x 3.5 x 16.9	17.3 x 3.5 x 16.9	17.3 x 3.5 x 22.9	17.3 x 6.9 x 16.9	17.3 x 3.5 x 16.9	17.3 x 3.5 x 22.9	17.3 x 6.9 x 16.9	17.3 x 6.9 x 19

* 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.

**** Battery capacity can be changed

