

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 2000VA



■ 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 40-70Hz (Auto sensing)			40-70Hz (Auto sensing)			
	Input Power Factor >0.99 @ 100% linear load			>0.99 @ 100% linear load			
	Capacity** 1000VA/950W	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 ±1%			±2%			
	Frequency Range 50/60Hz ±1Hz or ±3Hz (Selectable)			±1Hz or ±3Hz (Selectable)			
	Crest Factor 3:1			3:1			
	Output Waveform Pure Sine Wave			Pure Sine Wave			
	Line Mode Up to 92%			Up to 90%			
Efficiency	ECO Mode Efficiency Up to 97%			Up 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						
Display	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						
Protection	Full Protection Overload, Overtemperature, Short circuit, Discharge, Overcharge, Data line protection						
Function	Multi-Mode Normal/ ECO/ CVCF						
	DC Start Yes						
Physical	Outlet**** 3x IEC C13	6x IEC C13	6x IEC C13 + IEC C19	3x Nema 5-15	6x Nema 5-15	6x Nema 5-15 + 1x Nema 5-30	
	Dimensions (WxHxD, mm/inch)	440 x 88 x 405 17.3x3.5x16.0	440 x 88 x 600 17.3x3.5x23.7	440 x 88 x 600 17.3x3.5x23.7	N/A	88 x 440 x 405 3.5x17.3x15.7	88 x 440 x 485 3.5x17.3x19.1
	Net Weight (kgs/lbs)	14.50/1.9	21.5/4.7	20.5/4.5	21.4/4.7	21.4/4.7	27.9/6.2
Physical (Shorter Version)	Dimensions (WxHxD, mm/inch)	440 x 88 x 405 17.3x3.5x16.0	440 x 132 x 432 17.3x5.2x17.0	440 x 176 x 432 17.3x6.9x17.0	440x176.4x486.5 17.3x6.9x19.1	N/A	N/A
	Net Weight (kgs/lbs)	11.7/25.8	23.5/5.2	25.5/5.6	31.8/7.1	N/A	N/A
Environmental	Operation Temperature 0-40°C / 32-104°F						
	Operation Humidity 0-90%RH (Without condensing)						
	Altitude 1500m without Derating						
	Noise Level ≤50dBA @ 1 meter front						
Interface	Standard RS-232, EPO, RJ11-RJ45			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 EN 62040-1			UL1778			
	EMC EN 62040-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-3, EN 61000-2-2			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	6	12	12	8
Battery type****	Lead Acid Maintenance Free 12V 7Ah/9Ah							
Dimensions (WxHxD) inch	mm 440 x 88 x 430 17.3 x 3.5 x 16.9	440 x 88 x 430 17.3 x 3.5 x 16.9	440 x 88 x 591 17.3 x 3.5 x 22.9	440x176x430 17.3x6.9x16.9	440 x 88 x 430 17.3 x 3.5 x 16.9	440x96x591 17.3 x 3.5 x 22.9	440 x 176 x 430 17.3 x 6.9 x 16.9	440 x 176 x 495 17.3 x 6.9 x 19.4

** 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 Abbrev for more information.

***** Battery capacity can be changed.

***** Other sockets configuration available upon request.

