



## Ares Plus RT Series On-line UPS

The Ares Plus RT series on-line double conversion UPS with industry leading green input power factor, input harmonics and superior output power factor is an efficient and affordable power protection.

The Ares Plus RT are designed for application that require shallower mounting depth, higher load capacity and longer battery backup runtime, an ideal solution for entry-level server and network equipment.

- Advanced Digital Control Technology
- Double Conversion Technology
- Unity Input Power Factor
- Wide Input Voltage and Frequency Window
- Programmable Parameter Setting
- Emergency Shutdown Control through EPO
- Extended Runtime Capability
- Optional Powerful Charger
- Optional Power Shredding
- Rack/Tower Convertible Design

	MODEL	Ares Plus RT 1000		Ares Plus RT 2000		Ares Plus RT 3000		Ares Plus RT 3000D	
Input	Voltage Range**	110~300Vac							
	Frequency Range	45Hz ~ 65Hz (Auto sensing)							
	Phase	Single phase with ground							
	Power Factor	≥ 0.99 (with full linear load)							
Output	Capacity	1000VA/900W	2000VA/1800W		3000VA/2700W				
	Voltage	200/208/220/230/240 Vac							
	Output Power Factor	0.9							
	Output Voltage Distortion	< 3% (at full load) ; < 7% (at full non-linear load)							
	Output Voltage Regulation	± 2%							
	Frequency (Synchronized Range)	± 3Hz or ± 1Hz (selectable)							
	Current Crest Ratio	3:1 (acceptable)							
	Output Waveform	Pure sine wave							
	EFFICIENCY	Line Mode	Up to 92%						
		High Efficiency Mode	Up to 96.5%						
BATTERY	Number of batteries	2	3	4	6	6	8		
	Battery type	Sealed Lead Acid Maintenance Free							
	Rated Battery Voltage	24Vdc	36Vdc	48Vdc	72Vdc	72Vdc	96Vdc		
	Recharge time (to 90%)	4~6 hours							
DISPLAY	Standard LCD	Voltage / Frequency / Load level / Battery level / Output Current							
	Button	(ON/Alarm Silence Button)/ OFF Button/ (Test/Level Button)							
ALARM	Audible and Visual	Line Failure / Battery Low / Transfer to Bypass / System Fault							
PROTECTION	Full Protection	Overload, Over temperature, Short Circuit, Discharge, Overcharge							
FUNCTIONS	Multi-Mode	Normal/ECO/CVCF							
	DC Start	Yes							
	Programmable Outlet	Optional							
PHYSICAL	Dimensions (WDH in mm)	440 × 405 × 88 (2U)	440 × 485 × 88 (2U)	440 × 600 × 88 (2U)	440 × 600 × 88 (2U)		N/A		
	Weight (kg)	12	21	22	27		N/A		
PHYSICAL (SHORTER DEPTH)	Dimensions (WDH in mm)	440 × 405 × 88 (2U)	N/A	440 × 432 × 132 (3U)	440 × 432 × 176 (4U)		440 × 487 × 176 (4U)		
	Weight (kg)	12	N/A	23	25		31		
OUTPUT	Output Connections	3 × IEC-C13		6 × IEC-C13		6 × IEC-C13 + 1 × IEC-C19			
ENVIRONMENT	Operation Temperature	0-40°C							
	Relative Humidity	0 to 90% (Without condensation)							
	Altitude	1000m without Derating							
	Noise Level	<50dBA @ 1 meter front							
INTERFACE	Standard	RS232, USB, EPO, Interface Cards Slot, Extended Battery Connector							
	Optional Communication Cards	Dry contact, 2 <sup>nd</sup> RS232, 2 <sup>nd</sup> USB, SNMP/Web Card							
	Compatible platforms	Microsoft Window series, Linux, Mac							
STANDARDS AND CERTIFICATIONS	Safety	IEC/EN 62040-1							
	EMC	IEC/EN 62040-2, FCC Class A, IEC 61000-4-3 /-2/-4/-5/-6/-8/, EN 61000-3-2, EN 61000-3-3, EN 61000-2-2							
	Markings	CE, FCC							

\*Specifications subject to change without notice.

\*\* Based on load percentage.

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